The Strait of Georgia Ichthyoplankton Survey, 1979. Ichthyoplankton.

J. C. Mason, O. D. Kennedy, and A. C. Phillips

Department of Fisheries and Oceans
Fisheries Research Branch
Pacific Biological Station
Nanaimo, British Columbia V9R 5K6

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THE STRAIT OF GEORGIA ICHTHYOPLANKTON SURVEY, 1979. ICHTHYOPLANKTON.

by

J. C. Mason, O. D. Kennedy, and A. C. Phillips

Department of Fisheries and Oceans

Fisheries Research Branch

Pacific Biological Station

Nanaimo, British Columbia V9R 5K6

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ABSTRACT

Mason, J. C., O. D. Kennedy, and A. C. Phillips. 1982. The Strait of Georgia Ichthyoplankton Survey, 1979. Ichthyoplankton. Can. Data Rep. Fish. Aquat. Sci. No. 359: iii + 285 p .

This report contains a compilation of corrected catches of juvenile fishes, fish eggs and fish larvae by station.

These cruises were exploratory in nature and encompassed central and southern Strait of Georgia.

Oblique tows were made using 0.25 m^2 Bongos equipped with 351 micron Nitex nets of modified SCOR design. All sampling gear was black to minimize potential avoidance and resulting catch bias. The tow procedure generally followed that established by CALCOFI.

Key words: Ichthyoplankton, Strait of Georgia.

RESUME

Mason, J. C., O. D. Kennedy, and A. C. Phillips. 1982. The Strait of Georgia Ichthyoplankton Survey, 1979. Ichthyoplankton. Can. Data Rep. Fish. Aquat. Sci. No. 359: iii + 285 p.

Le présent rapport contient une compilation, par station, des prises corrigées de poissons juvéniles, d'oeufs et de larves de poisson.

Ces expéditions exploratoires portent sur la partie centrale et médiane du détroit de Géorgie.

Des traits obliques ont été effectués à l'aide d'engins de type bongo de 0, 25 m^2, munis de filets Nitex de 351 microns de conception CRSO modifiée. Tout l'équipement d'échantillonnage est de couleur noire afin de minimiser l'évitement potentiel qui se traduit par un facteur d'inexactitude pour les prises. La méthode de chalutage suit généralement celle établie pour le programme CALCOFI.

Mots-clés: ichthyoplancton, détroit de Géorgie

ORIENTATION AND METHODOLOGY

The Strait of Georgia Ichthyoplankton Survey (1979) was conducted by staff of the Groundfish Program of the Pacific Biological Station, Nanaimo (Fisheries Research Branch). The survey involved fifteen cruises of from 1-3 days each between March 15 and June 29. The present report concerns all oblique tows taken in the Strait of Georgia in 1979 plus some horizontal tows.

The 1979 survey was an exploratory survey to provide preliminary data on the spawning of hake and pollock and to test the efficiency of the fishing gear. A total of 130 stations were occupied at least once during the season (Fig. 1). The stations are listed by grid number, location (latitude and longitude) and depth in Table I.

All tows were made using 0.25 m^2 Bongos equipped with 351 micron Nitex nets of modified SCOR design, and Rigosha centre-mounted flow meters. A 50-kg minesweeper depressor was suspended from the yoke of the Bongos. All sampling gear was black to minimize potential avoidance and resulting catch bias.

The tow procedure for oblique tows generally followed that established by CALCOFI: vessel speed of 1 m/s, gear descent at a cable pay-out rate of 50 m/min, and gear ascent at a cable recovery rate of 20 m/min. Tows were made to within 20 m of the sea floor at all stations.

The recovered nets were thoroughly washed down with a high-pressure deck hose and the resulting catches were preserved in 5% buffered seawater formaldehyde for processing ashore. In the laboratory, fish, fish eggs and larvae, euphausiids and other selected invertebrate groups were extracted from one-net catches. The entire catches from the other net were retained in a raw reference collection for future use.

The following data base consists of corrected catches of juvenile fishes, fish eggs and fish larvae, identified to the lowest possible systematic categories considering our present state of knowledge of Canadian Pacific ichthyoplankton.

Sampling station locations.

Grid No.	Latitude	Longitude	Depth (m)
78.34	49° 19.7'N	124° 00.6'W	412
78.32	49° 21.4'N	123° 58.9'W	375
.30	49° 23.0'N	123° 57.2'W	348
.28	49° 24.7'N	123° 55.5'W	329
.26	49° 26.3'N	123° 53.8'N	220
76.34	49° 18.6'N	123° 58.1'W	388
.32	49° 20.3'N	123° 56.4'W	402
.30	49° 21.9'N	123° 54.7'W	348
.28	49° 23.6'N	123° 53.0'W	279
.26	49° 25.2'N	123° 51.3'W	183
74.34	49° 17.5'N	123° 55.6'W	300
.32	49° 19.1'N	123° 53.8'W	390
.28	49° 22.5'N	123° 50.4'W	350
.26	49° 24.1'N	123° 48.7'W	174
.24	49° 25.8'N	123° 47.0'W	170
.22	49° 27.4'N	123° 45.3'W	110
72.34	49° 16.4'N	123° 53.0'W	310
.32	49° 18.0'N	123° 51.3'W	403
.28	49° 21.3'N	123° 47.9'W	337
.26	49° 23.0'N	123° 46.2'W	183
.24	49° 24.6'N	123° 44.5'W	128
.22	49° 26.3'N	123° 42.8'W	140
71.35	49° 15.0'N	123° 52.6'W	230
70.34	49° 15.2'N	123° 50.5'W	267
.32	49° 16.9'N	123° 48.8'W	412
.28	49° 20.2'N	123° 45.4'W	348
.26	49° 21.9'N	123° 43.7'W	165
.24	49° 23.5'N	123° 42.0'W	128
.22	49° 25.2'N	123° 40.3'W	145
69.33	49° 15.5'N	123° 48.4'W	348
68.34	49° 14.1'N	123° 48.0'W	238
.32	49° 15.8'N	123° 46.3'W	399
.30	49° 17.4'N	123° 44.5'W	401
.28	49° 19.1'N	123° 42.8'W	331
.26	49° 20.8'N	123° 41.1'W	168
.24	49° 22.4'N	123° 39.4'W	128
.22	49° 24.1'N	123° 37.7'W	176
66.32	49° 14.7'N	123° 43.7'W	386
.30	49° 16.3'N	123° 42.0'W	400
66.28	49° 18.0'N	123° 40.3'W	307
.26	49° 19.6'N	123° 38.6'W	183
.24	49° 21.3'N	123° 36.9'W	130
.22	49° 23.0'N	123° 35.2'W	176
64.34	49° 11.9'N	123° 42.9'W	205
.32	49° 13.6'N	123° 41.2'W	391
.30	49° 15.2'N	123° 39.5'W	379
.28	49° 16.9'N	123° 37.8'W	329
.26	49° 18.5'N	123° 36.1'W	311
.24	49° 20.2'N	123° 34.4'W	140

Sampling station locations (cont'd).

Grid No.	Latitude	Longitude	Depth (m)
.22	49° 21.8'N	123° 32.7'W	174
62.32	49° 12.4'N	123° 38.7'W	351
.30	49° 14.1'N	123° 37.0'W	375
.28	49° 15.7'N	123° 35.3'W	377
.26	49° 17.4'N	123° 33.5'W	348
.24	49° 19.1'N	123° 31.8'W	198
.22	49° 20.7'N	123° 30.1'W	161
60.32	49° 11.3'N	123° 36.1'W	340
.30	49° 13.0'N	123° 34.4'W	357
.28	49° 14.6'N	123° 32.7'W	351
.26	49° 16.3'N	123° 31.0'W	335
.24	49° 17.9'N	123° 29.3'W	170
.22	49° 19.6'N	123° 27.6'W	154
58.32	49° 10.2'N	123° 33.6'W	384
.30	49° 11.9'N	123° 31.9'W	348
.28	49° 13.5'N	123° 30.2'W	348
.26	49° 15.2'N	123° 28.5'W	324
.24	49° 16.8'N	123° 26.8'W	198
.22	49° 18.5'N	123° 25.1'W	159
56.36	49° 05.8'N	123° 34.5'W	230
.34	49° 07.4'N	123° 32.8'W	300
.32	49° 09.1'N	123° 31.1'W	340
.30	49° 10.7'N	123° 29.4'W	339
.28	49° 12.4'N	123° 27.7'W	310
55.28	49° 11.8'N	123° 26.4'W	285
54.36	49° 04.7'N	123° 32.0'W	225
.34	49° 06.3'N	123° 30.3'W	345
.32	49° 08.0'N	123° 28.5'W	320
.30	49° 09.6'N	123° 26.8'W	290
.28	49° 12.4'N	123° 27.7'W	310
55.28	49° 11.8'N	123° 26.4'W	285
59.36	49° 04.7'N	123° 32.0'W	225
.34	49° 06.3'N	123° 30.3'W	345
.32	49° 08.0'N	123° 28.5'W	320
.30	49° 09.6'N	123° 26.8'W	290
.28	49° 11.3'N	123° 25.1'W	280
53.32	49° 07.4'N	123° 27.3'W	329
52.36	49° 03.5'N	123° 29.4'W	295
.34	49° 05.2'N	123° 27.7'W	240
.32	49° 06.9'N	123° 26.0'W	290
.28	49° 10.2'N	123° 22.6'W	250
50.36	49° 02.4'N	123° 26.9'W	320
.35	49° 03.3'N	123° 26.0'W	311
.34	49° 04.1'N	123° 25.2'W	330
48.36	49° 01.3'N	123° 24.4'W	285
.30	49° 06.3'N	123° 19.2'W	146
47.38	48° 59.1'N	123° 24.8'W	245
46.36	49° 00.2'N	123° 21.8'W	220
43.39	48° 56.0'N	123° 20.6'W	197

Sampling station locations (cont'd).

Grid No.	Latitude	Longitude	Depth (m)
40.40	48° 53.5'N	123° 17.7'W	140
40.39	48° 54.4'N	123° 16.8'W	192
.38	48° 55.2'N	123° 16.0'W	165
.36	48° 56.8'N	123° 14.2'W	140
.34	48° 58.5'N	123° 12.5'W	132
38.39	48° 53.0'N	123° 14.5'W	201
.38	48° 54.1'N	123° 13.4'W	142
.36	48° 55.7'N	123° 11.7'W	128
.34	48° 57.4'N	123° 10.0'W	116
36.39	48° 51.6'N	123° 12.3'W	219
.38	48° 52.9'N	123° 10.9'W	137
.36	48° 54.6'N	123° 09.2'W	125
.34	48° 56.3'N	123° 07.5'W	114
34.39	48° 50.5'N	123° 09.7'W	208
.38	48° 51.8'N	123° 08.4'W	143
.36	48° 53.5'N	123° 06.7'W	128
.34	48° 55.1'N	123° 05.0'W	121
32.40	48° 49.1'N	123° 07.5'W	148
.38	48° 50.7'N	123° 05.8'W	201
.37	48° 51.3'N	123° 05.2'W	165
.36	48° 52.4'N	123° 04.1'W	158
.34	48° 54.0'N	123° 02.4'W	155
.32	48° 55.7'N	123° 00.7'W	152
30.39	48° 48.3'N	123° 04.7'W	137
.38	48° 49.6'N	123° 03.3'W	201
.36	48° 51.3'N	123° 01.6'W	201
30.34	48° 52.9'N	122° 59.9'W	201
.32	48° 54.6'N	122° 58.2'W	121
28.38	48° 48.5'N	123° 00.8'W	175
.36	48° 50.1'N	122° 59.1'W	210
.34	48° 51.8'N	122° 57.4'W	219
.32	48° 53.5'N	122° 55.7'W	91
27.40	48° 46.3'N	123° 01.2'W	201
26.38	48° 47.4'N	122° 58.2'W	219
.36	48° 49.0'N	122° 56.5'W	210
.34	48° 50.7'N	122° 54.8'N	183
.32	48° 52.3'N	122° 53.1'W	66
25.40	48° 45.1'N	122° 58.7'W	100

TABLE:	1	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	15/ 3/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	300 M3
POSITION:	49 18.0 N 123 51.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1310 HR	ALIQUOT:	
		DEPTH OF TOW:	376 M	S.H.F.:	12.55

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	6.7	25.1
LEUROGLOSSUS STILBIUS	33.	2.6	110.0	414.1
MERLUCCIUS PRODUCTUS	1055.	83.7	3516.7	13240.3
THERAGRA CHALCOGRAMMA	171.	13.6	570.0	2146.1
TOTAL	1261.	100.0	4203.3	15825.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	55.0	36.7	138.1
THERAGRA CHALCOGRAMMA	9.	45.0	30.0	113.0
TOTAL	20.	100.0	66.7	251.0

TABLE:	2	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	347 M3
POSITION:	49 16.9 N 123 48.8 W	STD NUMBER:		DISP VOLUME:	
GRID POSITION:	70 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1400 HR	ALIQUOT:	
		DEPTH OF TOW:	388 M	S.H.F.:	11.19

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	24.	1.0	69.2	268.6
MERLUCCIUS PRODUCTUS	1154.	45.8	3325.6	12913.3
THERAGRA CHALCOGRAMMA	1342.	53.3	3867.4	15017.0
TOTAL	2520.	100.0	7262.2	28198.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.7	2.9	11.2
LEUROGLOSSUS STILBIUS	9.	24.3	25.9	100.7
THERAGRA CHALCOGRAMMA	20.	54.1	57.6	223.8
SCORPAENIDAE(FAMILY)	7.	18.9	20.2	78.3
TOTAL	37.	100.0	106.6	414.0

TABLE:	3	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	15/ 3/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	325 M3
POSITION:	49 15.8 N 123 46.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	399 M	TIME OF TOW:	1455 HR	ALIQUOT:	
		DEPTH OF TOW:	368 M	S.H.F.:	11.34

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	0.2	49.2	181.4
MERLUCCIUS PRODUCTUS	596.	7.2	1833.8	6758.6
THERAGRA CHALCOGRAMMA	7656.	92.6	23556.9	86819.0
TOTAL	8268.	100.0	25440.0	93759.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	66.7	12.3	45.4
THERAGRA CHALCOGRAMMA	1.	16.7	3.1	11.3
SCORPAENIDAE(FAMILY)	1.	16.7	3.1	11.3
TOTAL	6.	100.0	18.5	68.0

TABLE:	4	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	289 M3
POSITION:	49 14.7 N 123 43.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	386 M	TIME OF TOW:	1540 HR	ALIQUOT:	
		DEPTH OF TOW:	373 M	S.H.F.:	12.93

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	24.	0.7	83.0	310.3
MERLUCCIUS PRODUCTUS	456.	12.7	1577.9	5896.1
THERAGRA CHALCOGRAMMA	3104.	86.6	10740.5	40134.7
TOTAL	3584.	100.0	12401.4	46341.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	21.9	24.2	90.5
THERAGRA CHALCOGRAMMA	25.	78.1	86.5	323.3
TOTAL	32.	100.0	110.7	413.8

TABLE:	5	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	15/ 3/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	315 M3
POSITION:	49 13.6 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	391 M	TIME OF TOW:	1631 HR	ALIQUOT:	
		DEPTH OF TOW:	346 M	S.H.F.:	11.01

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.1	19.0	66.1
LEUROGLOSSUS STILBIUS	52.	0.5	165.1	572.5
MERLUCCIUS PRODUCTUS	1012.	9.1	3212.7	11142.1
THERAGRA CHALCOGRAMMA	10068.	90.4	31961.9	110848.7
TOTAL	11138.	100.0	35358.7	122629.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	55.6	15.9	55.1
THERAGRA CHALCOGRAMMA	4.	44.4	12.7	44.0
TOTAL	9.	100.0	28.6	99.1

TABLE:	6	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	277 M3
POSITION:	49 12.4 N 123 38.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	351 M	TIME OF TOW:	1720 HR	ALIQUOT:	
		DEPTH OF TOW:	317 M	S.H.F.:	11.45

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	7.2	22.9
LEUROGLOSSUS STILBIUS	12.	0.3	43.3	137.4
MERLUCCIUS PRODUCTUS	682.	18.7	2462.1	7808.9
THERAGRA CHALCOGRAMMA	2948.	80.9	10642.6	33754.6
TOTAL	3644.	100.0	13155.2	41723.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	63.6	25.3	80.2
THERAGRA CHALCOGRAMMA	4.	36.4	14.4	45.8
TOTAL	11.	100.0	39.7	126.0

TABLE:	7	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	282 M3
POSITION:	49 19.1 N 123 53.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	0803 HR	ALIQUOT:	
		DEPTH OF TOW:	311 M	S.H.F.:	11.02

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.4	10.6	33.1
LEUROGLOSSUS STILBIUS	26.	3.1	92.2	286.5
MERLUCCIUS PRODUCTUS	659.	78.8	2336.9	7262.2
THERAGRA CHALCOGRAMMA	148.	17.7	524.8	1631.0
TOTAL	836.	100.0	2964.5	9212.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	30.0	10.6	33.1
THERAGRA CHALCOGRAMMA	7.	70.0	24.8	77.1
TOTAL	10.	100.0	35.5	110.2

TABLE:	8	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	283 M3
POSITION:	49 22.5 N 123 50.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	0853 HR	ALIQUOT:	
		DEPTH OF TOW:	320 M	S.H.F.:	11.31

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	7.1	22.6
LEUROGLOSSUS STILBIUS	30.	1.1	106.0	339.3
MERLUCCIUS PRODUCTUS	498.	17.7	1759.7	5632.4
THERAGRA CHALCOGRAMMA	2284.	81.2	8070.7	25832.0
TOTAL	2814.	100.0	9943.5	31826.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	83.3	17.7	56.6
THERAGRA CHALCOGRAMMA	1.	16.7	3.5	11.3
TOTAL	6.	100.0	21.2	67.9

TABLE:	9	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	119 M3
POSITION:	49 24.1 N 123 48.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	174 M	TIME OF TOW:	0935 HR	ALIQUOT:	
		DEPTH OF TOW:	145 M	S.H.F.:	12.24

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.5	33.6	49.0
LEUROGLOSSUS STILBIUS	2.	0.2	16.8	24.5
MERLUCCIUS PRODUCTUS	390.	48.0	3277.3	4773.6
THERAGRA CHALCOGRAMMA	416.	51.2	3495.8	5091.8
TOTAL	812.	100.0	6823.5	9938.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	1.	100.0	8.4	12.2
TOTAL	1.	100.0	8.4	12.2

TABLE:	10	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	122 M3
POSITION:	49 23.0 N 123 46.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	1015 HR	ALIQUOT:	
		DEPTH OF TOW:	157 M	S.H.F.:	12.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	8.2	12.9
LEUROGLOSSUS STILBIUS	2.	1.2	16.4	25.8
MERLUCCIUS PRODUCTUS	41.	24.4	336.1	528.5
THERAGRA CHALCOGRAMMA	124.	73.8	1016.4	1598.4
TOTAL	168.	100.0	1377.0	2165.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	33.3	8.2	12.9
THERAGRA CHALCOGRAMMA	1.	33.3	8.2	12.9
SCORPAENIDAE(FAMILY)	1.	33.3	8.2	12.9
TOTAL	3.	100.0	24.6	38.7

TABLE:	11	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	112 M3
POSITION:	49 21.9 N 123 43.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	165 M	TIME OF TOW:	1047 HR	ALIQUOT:	
		DEPTH OF TOW:	150 M	S.H.F.:	13.45

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	35.	20.5	312.5	470.8
THERAGRA CHALCOGRAMMA	136.	79.5	1214.3	1829.2
TOTAL	171.	100.0	1526.8	2299.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	17.9	26.9
THERAGRA CHALCOGRAMMA	1.	33.3	8.9	13.4
TOTAL	3.	100.0	26.8	40.3

TABLE:	12	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	127 M3
POSITION:	49 20.8 N 123 41.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	168 M	TIME OF TOW:	1125 HR	ALIQUOT:	
		DEPTH OF TOW:	143 M	S.H.F.:	11.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	1.5	15.7	22.5
MERLUCCIUS PRODUCTUS	22.	16.9	173.2	247.1
THERAGRA CHALCOGRAMMA	106.	81.5	834.6	1190.4
TOTAL	130.	100.0	1023.6	1459.9

TABLE:	13	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	134 M3
POSITION:	49 19.6 N 123 38.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	1155 HR	ALIQUOT:	
		DEPTH OF TOW:	155 M	S.H.F.:	11.50

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	20.	23.5	149.3	230.0
THERAGRA CHALCOGRAMMA	65.	76.5	485.1	747.5
TOTAL	85.	100.0	634.3	977.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	40.0	14.9	23.0
THERAGRA CHALCOGRAMMA	2.	40.0	14.9	23.0
COTTIDAE(FAMILY)	1.	20.0	7.5	11.5
TOTAL	5.	100.0	37.3	57.5

TABLE:	14	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL FILTERED:	221 M3
POSITION:	49 18.5 N 123 36.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	311 M	TIME OF TOW:	1240 HR	ALIQUOT:	
		DEPTH OF TOW:	225 M	S.H.F.:	10.19

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	0.9	27.1	61.1
MERLUCCIUS PRODUCTUS	64.	9.5	289.6	652.2
THERAGRA CHALCOGRAMMA	602.	89.6	2724.0	6134.4
TOTAL	672.	100.0	3040.7	6847.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	1.	100.0	4.5	10.2
TOTAL	1.	100.0	4.5	10.2

TABLE:	15	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	275 M3
POSITION:	49 17.4 N 123 33.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	.
BOTTOM DEPTH:	348 M	TIME OF TOW:	1320 HR	ALIQUOT:	
		DEPTH OF TOW:	268 M	S.H.F.:	9.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	534.	10.0	1941.8	5195.8
THERAGRA CHALCOGRAMMA	4818.	90.0	17520.0	46879.1
TOTAL	5352.	100.0	19461.8	52075.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	100.0	14.5	38.9
TOTAL	4.	100.0	14.5	38.9

TABLE:	16	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO 25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	262 M3
POSITION:	49 15.7 N 123 35.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	377 M	TIME OF TOW:	1427 HR	ALIQUOT:	
		DEPTH OF TOW:	311 M	S.H.F.:	11.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	0.1	15.3	47.6
MERLUCCIUS PRODUCTUS	576.	11.5	2198.5	6848.6
THERAGRA CHALCOGRAMMA	4416.	88.4	16855.0	52506.2
TOTAL	4996.	100.0	19068.7	59402.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	57.1	15.3	47.6
THERAGRA CHALCOGRAMMA	3.	42.9	11.5	35.7
TOTAL	7	100.0	26.7	83.2

TABLE:	17	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	225 M3
POSITION:	49 16.9 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	1534 HR	ALIQUOT:	
		DEPTH OF TOW:	283 M	S.H.F.:	12.57

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	0.3	17.8	50.3
MERLUCCIUS PRODUCTUS	60.	3.9	266.7	754.2
THERAGRA CHALCOGRAMMA	1473.	95.8	6546.7	18515.6
TOTAL	1537.	100.0	6831.1	19320.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	100.0	13.3	37.7
TOTAL	3.	100.0	13.3	37.7

TABLE:	18	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:	0 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	211 M3
POSITION:	49 18.0 N 123 40.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	307 M	TIME OF TOW:	1405 HR	ALIQUOT:	
		DEPTH OF TOW:	227 M	S.H.F.:	10.71

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	0.2	37.9	85.7
MERLUCCIUS PRODUCTUS	236.	5.2	1118.5	2527.6
THERAGRA CHALCOGRAMMA	4290.	94.6	20331.8	45945.9
TOTAL	4534.	100.0	21488.2	48559.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	14.3	9.5	21.4
THERAGRA CHALCOGRAMMA	12.	85.7	56.9	128.5
TOTAL	14.	100.0	66.4	149.9

TABLE:	19	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	238 M3
POSITION:	49 19.1 N 123 42.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	331 M	TIME OF TOW:	1640 HR	ALIQUOT:	
		DEPTH OF TOW:	295 M	S.H.F.:	12.40

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	16.	0.3	67.2	198.4
LEUROGLOSSUS STILBIUS	20.	0.4	84.0	248.0
MERLUCCIUS PRODUCTUS	596.	12.3	2504.2	7390.4
THERAGRA CHALCOGRAMMA	4212.	87.0	17697.5	52228.8
TOTAL	4844.	100.0	20352.9	60065.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	11.8	8.4	24.8
THERAGRA CHALCOGRAMMA	15.	88.2	63.0	186.0
TOTAL	17.	100.0	71.4	210.8

TABLE:	20	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	227 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	348 M	TIME OF TOW:	1720 HR	ALIQUOT:	
		DEPTH OF TOW:	304 M	S.H.F.:	13.39

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	0.4	70.5	214.2
MERLUCCIUS PRODUCTUS	468.	11.6	2061.7	6266.5
THERAGRA CHALCOGRAMMA	3556.	88.0	15665.2	47614.8
TOTAL	4040.	100.0	17797.4	54095.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	16.	43.2	70.5	214.2
CLUPEA HARENGUS	1.	2.7	4.4	13.4
LEUROGLOSSUS STILBIUS	4.	10.8	17.6	53.6
THERAGRA CHALCOGRAMMA	16.	43.2	70.5	214.2
TOTAL	37.	100.0	163.0	495.4

TABLE:	21	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	21	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	232 M3
POSITION:	49 21.3 N 123 47.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	337 M	TIME OF TOW:	1748 HR	ALIQUOT:	
		DEPTH OF TOW:	280 M	S.H.F.:	12.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.0	8.6	24.1
LEUROGLOSSUS STILBIUS	18.	0.4	77.6	217.1
MERLUCCIUS PRODUCTUS	360.	8.3	1551.7	4341.6
THERAGRA CHALCOGRAMMA	3966.	91.3	17094.8	47830.0
TOTAL	4346.	100.0	18732.8	52412.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	14.3	12.9	36.2
THERAGRA CHALCOGRAMMA	18.	85.7	77.6	217.1
TOTAL	21.	100.0	90.5	253.3

TABLE: 22
CRUISE: SG 79- 1
SAMPLE NO.: 22
DATE: 17/ 3/79
VESSEL: CALIGUS
POSITION: 49 25.8 N 123 47.0 W
GRID POSITION: 74 . 24
BOTTOM DEPTH: 170 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0900 HR
DEPTH OF TOW: 120 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 122 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.80

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	6.	17.6	49.2	58.8
THERAGRA CHALCOGRAMMA	28.	82.4	229.5	274.4
TOTAL	34.	100.0	278.7	333.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	80.0	32.8	39.2
THERAGRA CHALCOGRAMMA	1.	20.0	8.2	9.8
TOTAL	5.	100.0	41.0	49.0

TABLE:	23	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	78 M3
POSITION:	49 27.4 N 123 45.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	110 M	TIME OF TOW:	0921 HR	ALIQUOT:	
		DEPTH OF TOW:	88 M	S.H.F.:	11.17

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	66.7	51.3	44.7
THERAGRA CHALCOGRAMMA	2.	33.3	25.6	22.3
TOTAL	6.	100.0	76.9	67.0

TABLE:	24	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW.	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	91 M3
POSITION:	49 26.3 N 123 42.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	140 M	TIME OF TOW:	0945 HR	ALIQUOT:	
		DEPTH OF TOW:	107 M	S.H.F.:	11.66

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	13.3	22.0	23.3
LEUROGLOSSUS STILBIUS	1.	6.7	11.0	11.7
MERLUCCIUS PRODUCTUS	4.	26.7	44.0	46.6
THERAGRA CHALCOGRAMMA	8.	53.3	87.9	93.3
TOTAL	15.	100.0	164.8	174.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	33.3	11.0	11.7
THERAGRA CHALCOGRAMMA	1.	33.3	11.0	11.7
STICHAEIDAE(FAMILY)	1.	33.3	11.0	11.7
TOTAL	3.	100.0	33.0	35.0

TABLE:	25	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	25	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	103 M3
POSITION:	49 25.2 N 123 40.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	145 M	TIME OF TOW:	1010 HR	ALIQUOT:	
		DEPTH OF TOW:	123 M	S.H.F.:	11.86

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	1.	25.0	9.7	11.9
STICHAEIDAE(FAMILY)	3.	75.0	29.1	35.6
TOTAL	4.	100.0	38.8	47.4

TABLE:	26	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	106 M3
POSITION:	49 24.1 N 123 37.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	176 M	TIME OF TOW:	1033 HR	ALIQUOT:	
		DEPTH OF TOW:	155 M	S.H.F.:	14.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	5.0	9.4	14.6
MERLUCCIUS PRODUCTUS	11.	55.0	103.8	160.8
THERAGRA CHALCOGRAMMA	8.	40.0	75.5	117.0
TOTAL	20.	100.0	188.7	292.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	1.	100.0	9.4	14.6
TOTAL	1.	100.0	9.4	14.6

TABLE:	27	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	116 M3
POSITION:	49 23.0 N 123 35.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	176 M	TIME OF TOW:	1058 HR	ALIQUOT:	
		DEPTH OF TOW:	146 M	S.H.F.:	12.57

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	4.8	17.2	25.1
MERLUCCIUS PRODUCTUS	9.	21.4	77.6	113.1
THERAGRA CHALCOGRAMMA	31.	73.8	267.2	389.7
TOTAL	42.	100.0	362.1	527.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	1.	100.0	8.6	12.6
TOTAL	1.	100.0	8.6	12.6

TABLE:	28	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	28	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	114 M3
POSITION:	49 21.8 N 123 32.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	174 M	TIME OF TOW:	1125 HR	ALIQUOT:	
		DEPTH OF TOW:	144 M	S.H.F.:	12.66

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	2.6	8.8	12.7
MERLUCCIUS PRODUCTUS	8.	21.1	70.2	101.3
THERAGRA CHALCOGRAMMA	29.	76.3	254.4	367.1
TOTAL	38.	100.0	333.3	481.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	2.	100.0	17.5	25.3
TOTAL	2.	100.0	17.5	25.3

TABLE:	29	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	29	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	142 M3
POSITION:	49 20.7 N 123 30.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	161 M	TIME OF TOW:	1150 HR	ALIQUOT:	
		DEPTH OF TOW:	121 M	S.H.F.:	8.54

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	33.3	7.0	8.5
THERAGRA CHALCOGRAMMA	2.	66.7	14.1	17.1
TOTAL	3.	100.0	21.1	25.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	42.9	21.1	25.6
THERAGRA CHALCOGRAMMA	3.	42.9	21.1	25.6
STICHAEIDAE(FAMILY)	1.	14.3	7.0	8.5
TOTAL	7.	100.0	49.3	59.8

TABLE:	30	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	30	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	159 M3
POSITION:	49 19.1 N 123 31.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	198 M	TIME OF TOW:	1218 HR	ALIQUOT:	
		DEPTH OF TOW:	119 M	S.H.F.:	7.48

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	75.0	18.9	22.4
THERAGRA CHALCOGRAMMA	1.	25.0	6.3	7.5
TOTAL	4.	100.0	25.2	29.9

TABLE:	31	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	145 M3
POSITION:	49 20.2 N 123 34.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	140 M	TIME OF TOW:	1246 HR	ALIQUOT:	
		DEPTH OF TOW:	100 M	S.H.F.:	6.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	50.0	6.9	6.9
THERAGRA CHALCOGRAMMA	1.	50.0	6.9	6.9
TOTAL	2.	100.0	13.8	13.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	75.C	20.7	20.7
THERAGRA CHALCOGRAMMA	1.	25.0	6.9	6.9
TOTAL	4.	100.0	27.6	27.6

TABLE:	32	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	127 M3
POSITION:	49 21.3 N 123 36.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	1306 HR	ALIQUOT:	
		DEPTH OF TOW:	95 M	S.H.F.:	7.43

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	50.0	7.9	7.4
THERAGRA CHALCOGRAMMA	1.	50.0	7.9	7.4
TOTAL	2.	100.0	15.7	14.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
SCORPAENIDAE(FAMILY)	1.	100.0	7.9	7.4
TOTAL	1.	100.0	7.9	7.4

TABLE:	33	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:	0 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	115 M3
POSITION:	49 22.4 N 123 39.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	1329 HR	ALIQUOT:	
		DEPTH OF TOW:	95 M	S.H.F.:	8.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	12.	50.0	104.3	98.8
THERAGRA CHALCOGRAMMA	12.	50.0	104.3	98.8
TOTAL	24.	100.0	208.7	197.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	72.7	69.6	65.8
THERAGRA CHALCOGRAMMA	3.	27.3	26.1	24.7
TOTAL	11.	100.0	95.7	90.5

TABLE:	34	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	34	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	116 M3
POSITION:	49 24.6 N 123 44.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	1410 HR	ALIQUOT:	
		DEPTH OF TOW:	97 M	S.H.F.:	8.34

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	16.7	17.2	16.7
MERLUCCIUS PRODUCTUS	1.	8.3	8.6	8.3
THERAGRA CHALCOGRAMMA	9.	75.0	77.6	75.1
TOTAL	12.	100.0	103.4	100.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
STICHAEIDAE(FAMILY)	1.	16.7	8.6	8.3
SCORPAENIDAE(FAMILY)	5.	83.3	43.1	41.7
TOTAL	6.	100.0	51.7	50.0

TABLE:	35	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 1	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	35	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	17/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	124 M3
POSITION:	49 23.5 N 123 42.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	1450 HR	ALIQUOT:	
		DEPTH OF TOW:	88 M	S.H.F.:	7.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.9	8.1	7.1
MERLUCCIUS PRODUCTUS	7.	20.6	56.5	49.4
THERAGRA CHALCOGRAMMA	26.	76.5	209.7	183.6
TOTAL	34.	100.0	274.2	240.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	50.0	16.1	14.1
THERAGRA CHALCOGRAMMA	1.	25.0	8.1	7.1
SCORPAENIDAE(FAMILY)	1.	25.0	8.1	7.1
TOTAL	4.	100.0	32.3	28.2

TABLE:	36	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	238 M3
POSITION:	49 18.6 N 123 58.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	388 M	TIME OF TOW:	1030 HR	ALIQUOT:	
		DEPTH OF TOW:	324 M	S.H.F.:	13.59

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.9	25.2	81.5
LEUROGLOSSUS STILBIUS	6.	0.9	25.2	81.5
MERLUCCIUS PRODUCTUS	254.	39.4	1067.2	3451.9
THERAGRA CHALCOGRAMMA	379.	58.8	1592.4	5150.6
TOTAL	645.	100.0	2710.1	8765.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	32.7	67.2	217.4
THERAGRA CHALCOGRAMMA	33.	67.3	138.7	448.5
TOTAL	49.	100.0	205.9	665.9

TABLE:	37
CRUISE:	SG 79- 3
SAMPLE NO.:	2
DATE:	22/ 3/79
VESSEL:	CALIGUS
POSITION:	49 21.4 N 123 58.9 W
GRID POSITION:	78 . 32
BOTTOM DEPTH:	375 M

WIND DIRECTION:	
WIND VELOCITY:	
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1225 HR
DEPTH OF TOW:	318 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	244 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	13.03

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	4.1	13.0
LEUROGLOSSUS STILBIUS	20.	1.9	82.0	260.6
MERLUCCIUS PRODUCTUS	257.	24.8	1053.3	3348.7
THERAGRA CHALCOGRAMMA	760.	73.2	3114.8	9902.8
TOTAL	1038.	100.0	4254.1	13525.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	7.2	24.6	78.2
THERAGRA CHALCOGRAMMA	77.	92.8	315.6	1003.3
TOTAL	83.	100.0	340.2	1081.5

TABLE:	38	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	241 M3
POSITION:	49 23.0 N 123 57.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	348 M	TIME OF TOW:	1303 HR	ALIQUOT:	
		DEPTH OF TOW:	300 M	S.H.F.:	12.45

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.3	16.6	49.8
LEUROGLOSSUS STILBIUS	15.	1.1	62.2	186.8
MERLUCCIUS PRODUCTUS	542.	38.5	2249.0	6747.9
THERAGRA CHALCOGRAMMA	845.	60.1	3506.2	10520.3
TOTAL	1406.	100.0	5834.0	17504.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.6	4.1	12.4
LEUROGLOSSUS STILBIUS	10.	16.1	41.5	124.5
MERLUCCIUS PRODUCTUS	1.	1.6	4.1	12.4
THERAGRA CHALCOGRAMMA	49.	79.0	203.3	610.0
SCORPAENIDAE(FAMILY)	1.	1.6	4.1	12.4
TOTAL	62.	100.0	257.3	771.9

TABLE:	39	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	202 M3
POSITION:	49 24.7 N 123 55.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	1420 HR	ALIQUOT:	
		DEPTH OF TOW:	280 M	S.H.F.:	13.87

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.3	14.9	41.6
LEUROGLOSSUS STILBIUS	8.	0.8	39.6	111.0
MERLUCCIUS PRODUCTUS	257.	26.0	1272.3	3564.6
THERAGRA CHALCOGRAMMA	722.	72.9	3574.3	10014.1
TOTAL	990.	100.0	4901.0	13731.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	31.3	49.5	138.7
THERAGRA CHALCOGRAMMA	22.	68.8	108.9	305.1
TOTAL	32.	100.0	158.4	443.8

TABLE:	40	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	148 M3
POSITION:	49 26.3 N 123 53.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1420 HR	ALIQUOT:	
		DEPTH OF TOW:	171 M	S.H.F.:	11.60

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	13.5	23.2
LEUROGLOSSUS STILBIUS	8.	0.3	54.1	92.8
MERLUCCIUS PRODUCTUS	562.	24.5	3797.3	6519.2
THERAGRA CHALCOGRAMMA	1720.	75.0	11621.6	19952.0
TOTAL	2292	100.0	15486.5	26587.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	4.5	20.3	34.8
THERAGRA CHALCOGRAMMA	62.	93.9	418.9	719.2
COTTIDAE(FAMILY)	1.	1.5	6.8	11.6
TOTAL	66.	100.0	445.9	765.6

TABLE:	41	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	117 M3
POSITION:	49 25.2 N 123 51.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	1450 HR	ALIQUOT:	
		DEPTH OF TOW:	143 M	S.H.F.:	12.20

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	0.4	34.2	48.8
MERLUCCIUS PRODUCTUS	176.	16.4	1504.3	2147.2
THERAGRA CHALCOGRAMMA	895.	83.3	7649.6	10919.0
TOTAL	1075.	100.0	9188.0	13115.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	6.7	17.1	24.4
THERAGRA CHALCOGRAMMA	28.	93.3	239.3	341.6
TOTAL	30.	100.0	256.4	366.0

TABLE:	42	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	159 M3
POSITION:	49 23.6 N 123 53.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	274 M	TIME OF TOW:	1517 HR	ALIQUOT:	
		DEPTH OF TOW:	225 M	S.H.F.:	14.14

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	0.6	37.7	84.8
MERLUCCIUS PRODUCTUS	273.	25.4	1717.0	3860.2
THERAGRA CHALCOGRAMMA	795.	74.0	5000.0	11241.3
TOTAL	1074.	100.0	6754.7	15186.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4	9.3	25.2	56.6
THERAGRA CHALCOGRAMMA	39.	90.7	245.3	551.5
TOTAL	43.	100.0	270.4	608.0

TABLE:	43	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	185 M3
POSITION:	49 21.9 N 123 54.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	348 M	TIME OF TOW:	1549 HR	ALIQUOT:	
		DEPTH OF TOW:	306 M	S.H.F.:	16.51

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	0.4	32.4	99.1
MERLUCCIUS PRODUCTUS	389.	28.3	2102.7	6422.4
THERAGRA CHALCOGRAMMA	980.	71.3	5297.3	16179.8
TOTAL	1375.	100.0	7432.4	22701.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	5.1	27.0	82.6
MERLUCCIUS PRODUCTUS	3.	3.0	16.2	49.5
THERAGRA CHALCOGRAMMA	91.	91.9	491.9	1502.4
TOTAL	99	100.0	535.1	1634.5

TABLE:	44	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/79	SWELL HEIGHT:		MESH SIZE:	.331 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	240 M3
POSITION:	49 20.3 N 123 56.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	76 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	402 M	TIME OF TOW:	1426 HR	ALIQUOT:	
		DEPTH OF TOW:	365 M	S.H.F.:	15.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.1	4.2	15.2
MERLUCCIUS PRODUCTUS	10.	1.1	41.7	152.3
THERAGRA CHALCOGRAMMA	125	14.0	520.8	1903.8
	757	84.8	3154.2	11529.1
TOTAL	893.	100.0	3720.8	13600.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	18.	21.7	75.0	274.1
THERAGRA CHALCOGRAMMA	65.	78.3	270.8	989.9
TOTAL	83.	100.0	345.8	1264.1

TABLE:	45	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 3	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	22/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	249 M3
POSITION:	49 19.7 N 124 0.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	78 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	412 M	TIME OF TOW:	1715 HR	ALIQUOT:	
		DEPTH OF TOW:	355 M	S.H.F.:	14.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	14.	3.0	56.2	199.2
LEUROGLOSSUS STILBIUS	20.	4.3	80.3	284.6
MERLUCCIUS PRODUCTUS	178.	38.2	714.9	2532.9
THERAGRA CHALCOGRAMMA	254.	54.5	1020.1	3614.4
TOTAL	466.	100.0	1871.5	6631.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.1	4.0	14.2
LEUROGLOSSUS STILBIUS	33.	35.5	132.5	469.6
MERLUCCIUS PRODUCTUS	4.	4.3	16.1	56.9
THERAGRA CHALCOGRAMMA	55.	59.1	220.9	782.6
TOTAL	93.	100.0	373.5	1323.4

TABLE:	46	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	205 M3
POSITION:	49 11.3 N 123 36.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	340 M	TIME OF TOW:	0912 HR	ALIQUOT:	
		DEPTH OF TOW:	289 M	S.H.F.:	14.10

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	0.1	39.0	112.8
LEUROGLOSSUS STILBIUS	20.	0.4	97.6	282.0
MERLUCCIUS PRODUCTUS	1676.	30.3	8175.6	23631.6
THERAGRA CHALCOGRAMMA	3828.	69.2	18673.2	53974.8
TOTAL	5532.	100.0	26985.4	78001.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	3.9	43.9	126.9
LEUROGLOSSUS STILBIUS	18.	7.8	87.8	253.8
MERLUCCIUS PRODUCTUS	3.	1.3	14.6	42.3
THERAGRA CHALCOGRAMMA	198.	85.3	965.9	2791.8
SCORPAENIDAE(FAMILY)	4.	1.7	19.5	56.4
TOTAL	232.	100.0	1131.7	3271.2

TABLE:	47	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	263 M3
POSITION:	49 10.2 N 123 33.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	384 M	TIME OF TOW:	0948 HR	ALIQUOT:	
		DEPTH OF TOW:	329 M	S.H.F.:	12.50

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	0.1	7.6	25.0
MERLUCCIUS PRODUCTUS	499.	34.4	1897.3	6237.5
THERAGRA CHALCOGRAMMA	948.	65.4	3604.6	11850.0
TOTAL	1449.	100.0	5509.5	18112.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	18.0	76.0	250.0
MERLUCCIUS PRODUCTUS	4.	3.6	15.2	50.0
THERAGRA CHALCOGRAMMA	87.	78.4	330.8	1087.5
TOTAL	111.	100.0	422.1	1387.5

TABLE:	48	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	234 M3
POSITION:	49 11.9 N 123 31 9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	348 M	TIME OF TOW:	1021 HR	ALIQUOT:	
		DEPTH OF TOW:	299 M	S.H.F.:	12.77

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	15.	0.2	64.1	191.6
MERLUCCIUS PRODUCTUS	735.	10.4	3141.0	9386.0
THERAGRA CHALCOGRAMMA	6320	89.4	27008.5	80706.4
TOTAL	7070	100.0	30213.7	90283.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6	3.4	25.6	76.6
THERAGRA CHALCOGRAMMA	170.	96.0	726.5	2170.9
SCORPAENIDAE(FAMILY)	1.	0.6	4.3	12.8
TOTAL	177.	100.0	756.4	2260.3

TABLE:	49	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	241 M3
POSITION:	49 13.5 N 123 30.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	348 M	TIME OF TOW:	1059 HR	ALIQUOT:	
		DEPTH OF TOW:	295 M	S.H.F.:	12.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	0.2	49.8	146.6
MERLUCCIUS PRODUCTUS	324.	5.1	1344.4	3959.3
THERAGRA CHALCOGRAMMA	6040.	94.7	25062.2	73808.8
TOTAL	6376.	100.0	26456.4	77914.7

LARVAE	TOTAL NUMBER	TAXA PCT	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	5.7	49.8	146.6
MERLUCCIUS PRODUCTUS	5.	2.4	20.7	61.1
THERAGRA CHALCOGRAMMA	195.	92.0	809.1	2382.9
TOTAL	212.	100.0	879.7	2590.6

TABLE:	50	WIND DIRECTION:	0 DEG	TOW SPEED	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:	0 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	237 M3
POSITION:	49 15.2 N 123 28.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	324 M	TIME OF TOW:	1134 HR	ALIQUOT:	
		DEPTH OF TOW:	252 M	S.H.F.:	10.63

EGGS	TOTAL NUMBER	TAXA PCT	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	930.	5.9	3924.1	9885.9
THERAGRA CHALCOGRAMMA	14950.	94.1	63080.2	158918.5
TOTAL	15880.	100.0	67004.2	168804.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	3.7	42.2	106.3
THERAGRA CHALCOGRAMMA	260.	95.9	1097.0	2763.8
SCORPAENIDAE(FAMILY)	1.	0.4	4.2	10.6
TOTAL	271.	100.0	1143.5	2880.7

TABLE:	51	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	147 M3
POSITION:	49 16.8 N 123 26.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	198 M	TIME OF TOW:	1204 HR	ALIQUOT:	
		DEPTH OF TOW:	154 M	S.H.F.:	10.53

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	340.	12.9	2312.9	3580.2
THERAGRA CHALCOGRAMMA	2290.	87.1	15578.2	24113.7
TOTAL	2630.	100.0	17891.2	27693.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	42.	100.0	285.7	442.3
TOTAL	42.	100.0	285.7	442.3

TABLE:	52	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	114 M3
POSITION:	49 18.5 N 123 25.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	159 M	TIME OF TOW:	1230 HR	ALIQUOT:	
		DEPTH OF TOW:	121 M	S.H.F.:	10.59

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	8.8	10.6
LEUROGLOSSUS STILBIUS	1.	0.1	8.8	10.6
MERLUCCIUS PRODUCTUS	112.	13.5	982.5	1186.1
THERAGRA CHALCOGRAMMA	715.	86.2	6271.9	7571.9
TOTAL	829.	100.0	7271.9	8779.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.9	8.8	10.6
LEUROGLOSSUS STILBIUS	2.	5.7	17.5	21.2
THERAGRA CHALCOGRAMMA	32.	91.4	280.7	338.9
TOTAL	35.	100.0	307.0	370.6

TABLE:	53	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	114 M3
POSITION:	49 19.6 N 123 27.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	154 M	TIME OF TOW:	1251 HR	ALIQUOT:	
		DEPTH OF TOW:	115 M	S.H.F.:	10.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.5	17.5	20.1
LEUROGLOSSUS STILBIUS	2.	0.5	17.5	20.1
MERLUCCIUS PRODUCTUS	65.	14.7	570.2	653.9
THERAGRA CHALCOGRAMMA	373.	84.4	3271.9	3752.4
TOTAL	442.	100.0	3877.2	4446.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	33.3	114.0	130.8
THERAGRA CHALCOGRAMMA	26.	66.7	228.1	261.6
TOTAL	39.	100.0	342.1	392.3

TABLE:	54	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO 25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	120 M3
POSITION:	49 17.9 N 123 29.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	170 M	TIME OF TOW:	1315 HR	ALIQUOT:	
		DEPTH OF TOW:	130 M	S.H.F.:	10.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1	0.3	8.3	10.9
LEUROGLOSSUS STILBIUS	1.	0.3	8.3	10.9
MERLUCCIUS PRODUCTUS	48.	12.1	400.0	521.3
THERAGRA CHALCOGRAMMA	348	87.4	2900.0	3779.3
TOTAL	398	100.0	3316.7	4322.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	22.	100.0	183.3	238.9
TOTAL	22.	100.0	183.3	238.9

TABLE:	55	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:	0 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	243 M3
POSITION:	49 16.3 N 123 31.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1342 HR	ALIQUOT:	
		DEPTH OF TOW:	277 M	S.H.F.:	11.39

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	544.	4.9	2238.7	6196.2
THERAGRA CHALCOGRAMMA	10480.	95.1	43127.6	119367.2
TOTAL	11024.	100.0	45366.3	125563.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	3.2	65.8	182.2
MERLUCCIUS PRODUCTUS	3.	0.6	12.3	34.2
THERAGRA CHALCOGRAMMA	484.	96.2	1991.8	5512.8
TOTAL	503.	100.0	2070.0	5729.2

TABLE:	56	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO 25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	269 M3
POSITION:	49 14.6 N 123 32.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	351 M	TIME OF TOW:	1414 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	11.70

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.1	18.6	58.5
LEUROGLOSSUS STILBIUS	5.	0.1	18.6	58.5
MERLUCCIUS PRODUCTUS	855.	12.3	3178.4	10003.5
THERAGRA CHALCOGRAMMA	6065.	87.5	22546.5	70960.5
TOTAL	6930.	100.0	25762.1	81081.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	3.0	26.0	81.9
MERLUCCIUS PRODUCTUS	1.	0.4	3.7	11.7
THERAGRA CHALCOGRAMMA	221.	96.1	821.6	2585.7
SCORPAENIDAE(FAMILY)	1.	0.4	3.7	11.7
TOTAL	230.	100.0	855.0	2691.0

TABLE:	57	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	259 M3
POSITION:	49 13.0 N 123 34.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	357 M	TIME OF TOW:	1525 HR	ALIQUOT:	
		DEPTH OF TOW:	299 M	S.H.F.:	11.54

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	271.	26.3	1046.3	3127.3
THERAGRA CHALCOGRAMMA	761.	73.7	2938.2	8781.9
TOTAL	1032.	100.0	3984.6	11909.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	18.2	15.4	46.2
THERAGRA CHALCOGRAMMA	18.	81.8	69.5	207.7
TOTAL	22.	100.0	84.9	253.9

TABLE:	58	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 4	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	172 M3
POSITION:	49 18.0 N 123 40.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1640 HR	ALIQUOT:	
		DEPTH OF TOW:	255 M	S.H.F.:	14.82

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	3654.	10.8	21244.2	54152.3
THERAGRA CHALCOGRAMMA	30312.	89.2	176232.6	449223.8
TOTAL	33966.	100.0	197476.8	503376.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	2.6	29.1	74.1
THERAGRA CHALCOGRAMMA	180.	94.7	1046.5	2667.6
CORYPHAENOIDES LIOCEPHALUS	2.	1.1	11.6	29.6
SCORPAENIDAE(FAMILY)	3	1.6	17.4	44.5
TOTAL	190.	100.0	1104.7	2815.8

TABLE: 59
CRUISE: SG 79- 5
SAMPLE NO.: 1
DATE: 30/ 3/79
VESSEL: CALIGUS
POSITION: 49 14.1 N 123 48.0 W
GRID POSITION: 68 . 34
BOTTOM DEPTH: 238 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT: 1 M
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1000 HR
DEPTH OF TOW: 199 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 128 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 15.60

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	15.6	31.2
LEUROGLOSSUS STILBIUS	12.	0.8	93.8	187.2
MERLUCCIUS PRODUCTUS	1100.	75.2	8593.8	17160.0
THERAGRA CHALCOGRAMMA	348.	23.8	2718.8	5428.8
TOTAL	1462.	100.0	11421.9	22807.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	14.	3.0	109.4	218.4
CLUPEA HARENGUS	356.	75.1	2781.3	5553.6
LEUROGLOSSUS STILBIUS	13.	2.7	101.6	202.8
MERLUCCIUS PRODUCTUS	3.	0.6	23.4	46.8
THERAGRA CHALCOGRAMMA	80.	16.9	625.0	1248.0
SCORPAENIDAE(FAMILY)	8.	1.7	62.5	124.8
TOTAL	474.	100.0	3703.1	7394.4

TABLE:	60	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	265 M3
POSITION:	49 15.8 N 123 46.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	388 M	TIME OF TOW:	1027 HR	ALIQUOT:	
		DEPTH OF TOW:	276 M	S.H.F.:	10.40

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	0.1	30.2	83.2
LEUROGLOSSUS STILBIUS	40.	0.3	150.9	416.0
MERLUCCIUS PRODUCTUS	8824.	66.3	33298.1	91769.6
THERAGRA CHALCOGRAMMA	4440.	33.4	16754.7	46176.0
TOTAL	13312.	100.0	50234.0	138444.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.6	11.3	31.2
CLUPEA HARENGUS	26.	5.2	98.1	270.4
LEUROGLOSSUS STILBIUS	22.	4.4	83.0	228.8
MERLUCCIUS PRODUCTUS	1.	0.2	3.8	10.4
THERAGRA CHALCOGRAMMA	442.	89.1	1667.9	4596.8
SCORPAENIDAE(FAMILY)	2.	0.4	7.5	20.8
TOTAL	496.	100.0	1871.7	5158.4

TABLE:	61	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	233 M3
POSITION:	49 17.4 N 123 44.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	401 M	TIME OF TOW:	1103 HR	ALIQUOT:	
		DEPTH OF TOW:	328 M	S.H.F.:	14.10

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	8.6	28.2
LEUROGLOSSUS STILBIUS	22.	0.8	94.4	310.2
MERLUCCIUS PRODUCTUS	1350.	46.9	5794.0	19035.0
THERAGRA CHALCOGRAMMA	1504.	52.3	6454.9	21206.4
TOTAL	2878.	100.0	12351.9	40579.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	6.	1.3	25.8	84.6
LEUROGLOSSUS STILBIUS	21.	4.5	90.1	296.1
MERLUCCIUS PRODUCTUS	5.	1.1	21.5	70.5
THERAGRA CHALCOGRAMMA	432.	92.3	1854.1	6091.2
SCORPAENIDAE(FAMILY)	4.	0.9	17.2	56.4
TOTAL	468.	100.0	2008.6	6598.8

TABLE:	62	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 3/79	SWELL HEIGHT:		MESH SIZE:	351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	232 M3
POSITION:	49 19.1 N 123 42.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1152 HR	ALIQUOT:	
		DEPTH OF TOW:	269 M	S.H.F.:	11.60

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	24.	0.2	103.4	278.4
MERLUCCIUS PRODUCTUS	2168.	20.6	9344.8	25148.8
THERAGRA CHALCOGRAMMA	8328.	79.2	35896.6	96604.8
TOTAL	10520.	100.0	45344.8	122032.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	0.1	12.9	34.8
LEUROGLOSSUS STILBIUS	17.	0.8	73.3	197.2
MERLUCCIUS PRODUCTUS	7.	0.3	30.2	81.2
THERAGRA CHALCOGRAMMA	2023.	98.5	8719.8	23466.8
SCORPAENIDAE(FAMILY)	4.	0.2	17.2	46.4
TOTAL	2054.	100.0	8853.4	23826.4

TABLE:	63	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	221 M3
POSITION:	49 18.0 N 123 40.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1225 HR	ALIQUOT:	
		DEPTH OF TOW:	222 M	S.H.F.:	10.05

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	4200	35.0	19004.5	42210.0
THERAGRA CHALCOGRAMMA	7816.	65.0	35366.5	78550.8
TOTAL	12016	100.0	54371.0	120760.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	8.	1.1	36.2	80.4
LEUROGLOSSUS STILBIUS	14.	1.9	63.3	140.7
MERLUCCIUS PRODUCTUS	1.	0.1	4.5	10.1
THERAGRA CHALCOGRAMMA	699.	96.0	3162.9	7025.0
COTTIDAE(FAMILY)	6.	0.8	27.1	60.3
TOTAL	728.	100.0	3294.1	7316.4

TABLE:	64	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 5	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 3/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	193 M3
POSITION:	49 16.9 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	307 M	TIME OF TOW:	1257 HR	ALIQUOT:	
		DEPTH OF TOW:	250 M	S.H.F.:	12.91

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	0.1	41.5	103.3
MERLUCCIUS PRODUCTUS	2512.	31.0	13015.5	32429.9
THERAGRA CHALCOGRAMMA	5592.	68.9	28974.1	72192.7
TOTAL	8112.	100.0	42031.1	104725.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.2	10.4	25.8
LEUROGLOSSUS STILBIUS	12.	0.9	62.2	154.9
MERLUCCIUS PRODUCTUS	4.	0.3	20.7	51.6
THERAGRA CHALCOGRAMMA	1290.	98.5	6683.9	16653.9
SCORPAENIDAE(FAMILY)	1.	0.1	5.2	12.9
TOTAL	1309.	100.0	6782.4	16899.2

TABLE:	65	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 5	WIND VELOCITY:	6 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	30/ 3/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	258 M3
POSITION:	49 15.2 N 123 39.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	379 M	TIME OF TOW:	1607 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	12.20

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	4770.	37.8	18488.4	58194.0
THERAGRA CHALCOGRAMMA	7840.	62.2	30387.6	95648.0
TOTAL	12610.	100.0	48876.0	153842.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	6.	0.8	23.3	73.2
LEUROGLOSSUS STILBIUS	16.	2.2	62.0	195.2
MERLUCCIUS PRODUCTUS	2.	0.3	7.8	24.4
THERAGRA CHALCOGRAMMA	696.	96.1	2697.7	8491.2
STICHAEIDAE(FAMILY)	1.	0.1	3.9	12.2
SCORPAENIDAE(FAMILY)	3	0.4	11.6	36.6
TOTAL	724.	100.0	2806.2	8832.8

TABLE: 66
CRUISE: SG 79- 5
SAMPLE NO.: 8
DATE: 30/ 3/79
VESSEL: CALIGUS
POSITION: 49 13.6 N 123 41.2 W
GRID POSITION: 64 . 32
BOTTOM DEPTH: 395 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1645 HR
DEPTH OF TOW: 327 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 234 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 13.98

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	16.	0.1	68.4	223.7
LEUROGLOSSUS STILBIUS	48.	0.4	205.1	671.0
MERLUCCIUS PRODUCTUS	5144	47.8	21982.9	71913.1
THERAGRA CHALCOGRAMMA	5552.	51.6	23726.5	77617.0
TOTAL	10760.	100.0	45982.9	150424.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.4	12.8	41.9
CLUPEA HARENGUS	449	63.1	1918.8	6277.0
LEUROGLOSSUS STILBIUS	16	2.2	68.4	223.7
MERLUCCIUS PRODUCTUS	3.	0.4	12.8	41.9
THERAGRA CHALCOGRAMMA	233.	32.7	995.7	3257.3
SCORPAENIDAE(FAMILY)	8.	1.1	34.2	111.8
TOTAL	712.	100.0	3042.7	9953.8

TABLE:	67
CRUISE:	SG 79- 6
SAMPLE NO.:	1
DATE:	3/ 4/79
VESSEL:	CALIGUS
POSITION:	49 18.0 N 123 40.3 W
GRID POSITION:	66 . 28
BOTTOM DEPTH:	285 M

WIND DIRECTION:	135 DEG
WIND VELOCITY:	
WAVE HEIGHT:	0 M
SWELL HEIGHT:	0 M
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	0845 HR
DEPTH OF TOW:	227 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	351 MM
VOL. FILTERED:	208 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	10.94

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.1	19.2	43.8
LEUROGLOSSUS STILBIUS	8.	0.2	38.5	87.5
MERLUCCIUS PRODUCTUS	2046.	42.8	9836.5	22383.2
THERAGRA CHALCOGRAMMA	2718.	56.9	13067.3	29734.9
TOTAL	4776.	100.0	22961.5	52249.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	4.8	10.9
LEUROGLOSSUS STILBIUS	14.	1.8	67.3	153.2
THERAGRA CHALCOGRAMMA	763.	97.8	3668.3	8347.2
SCORPAENIDAE(FAMILY)	2.	0.3	9.6	21.9
TOTAL	780.	100.0	3750.0	8533.2

TABLE:	68	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	272 M3
POSITION:	49 15.7 N 123 35.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	357 M	TIME OF TOW:	0935 HR	ALIQUOT:	
		DEPTH OF TOW:	311 M	S.H.F.:	11.43

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.0	7.4	22.9
LEUROGLOSSUS STILBIUS	14.	0.3	51.5	160.0
MERLUCCIUS PRODUCTUS	1886.	46.2	6933.8	21557.0
THERAGRA CHALCOGRAMMA	742.	18.2	2727.9	8481.1
	1440	35.3	5294.1	16459.2
TOTAL	4084.	100.0	15014.7	46680.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.5	7.4	22.9
LEUROGLOSSUS STILBIUS	10.	2.7	36.8	114.3
THERAGRA CHALCOGRAMMA	355.	96.5	1305.1	4057.7
SCORPAENIDAE(FAMILY)	1.	0.3	3.7	11.4
TOTAL	368.	100.0	1352.9	4206.2

TABLE:	69	WIND DIRECTION:	TOW SPEED: 1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:	TYPE OF TOW: OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:	MESH SIZE: .351 MM
VESSEL:	CALIGUS	SURFACE TEMP:	VOL. FILTERED: 271 M3
POSITION:	49 15.2 N 123 28.5 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION:	58 . 26	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH:	324 M	TIME OF TOW: 1027 HR	ALIQUOT:
		DEPTH OF TOW: 266 M	S.H.F.: 9.78

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	33.	0.8	121.8	322.7
LEUROGLOSSUS STILBIUS	9.	0.2	33.2	88.0
MERLUCCIUS PRODUCTUS	1908.	46.7	7040.6	18660.2
THERAGRA CHALCOGRAMMA	2137.	52.3	7885.6	20899.9
TOTAL	4087.	100.0	15081.2	39970.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.3	14.8	39.1
CLUPEA HARENGUS	179.	12.0	660.5	1750.6
LEUROGLOSSUS STILBIUS	12.	0.8	44.3	117.4
MERLUCCIUS PRODUCTUS	11.	0.7	40.6	107.6
THERAGRA CHALCOGRAMMA	1282.	85.9	4730.6	12538.0
SCORPAENIDAE(FAMILY)	5.	0.3	18.5	48.9
TOTAL	1493.	100.0	5509.2	14601.5

TABLE:	70	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:	0 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	244 M3
POSITION:	49 11.8 N 123 26.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	55 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1121 HR	ALIQUOT:	
		DEPTH OF TOW:	255 M	S.H.F.:	10.47

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1172	13.6	4803.3	12270.8
THERAGRA CHALCOGRAMMA	7436	86.4	30475.4	77854.9
TOTAL	8608.	100.0	35278.7	90125.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.1	8.2	20.9
CLUPEA HARENGUS	40.	22.3	163.9	418.8
LEUROGLOSSUS STILBIUS	1.	0.6	4.1	10.5
THERAGRA CHALCOGRAMMA	131.	73.2	536.9	1371.6
SCORPAENIDAE(FAMILY)	5.	2.8	20.5	52.4
TOTAL	179.	100.0	733.6	1874.1

TABLE:	71	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:	0 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	243 M3
POSITION:	49 7.4 N 123 27.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	1226 HR	ALIQUOT:	
		DEPTH OF TOW:	297 M	S.H.F.:	12.19

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.0	8.2	24.4
LEUROGLOSSUS STILBIUS	22.	0.4	90.5	268.2
MERLUCCIUS PRODUCTUS	1084.	18.9	4460.9	13214.0
THERAGRA CHALCOGRAMMA	4614.	80.6	18987.7	56244.7
TOTAL	5722.	100.0	23547.3	69751.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.3	12.3	36.6
CLUPEA HARENGUS	172.	15.8	707.8	2096.7
LEUROGLOSSUS STILBIUS	12.	1.1	49.4	146.3
THERAGRA CHALCOGRAMMA	894.	82.2	3679.0	10897.9
SCORPAENIDAE(FAMILY)	6.	0.6	24.7	73.1
TOTAL	1087.	100.0	4473.3	13250.5

TABLE:	72	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	281 M3
POSITION:	49 3.3 N 123 26.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	50 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	311 M	TIME OF TOW:	1320 HR	ALIQUOT:	
		DEPTH OF TOW:	284 M	S.H.F.:	10.09

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	34.	0.3	121.0	343.1
MERLUCCIUS PRODUCTUS	2432.	21.7	8654.8	24538.9
THERAGRA CHALCOGRAMMA	8725.	78.0	31049.8	88035.3
TOTAL	11191.	100.0	39825.6	112917.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	7.1	20.2
CLUPEA HARENGUS	41.	1.8	145.9	413.7
LEUROGLOSSUS STILBIUS	10.	0.4	35.6	100.9
MERLUCCIUS PRODUCTUS	4.	0.2	14.2	40.4
THERAGRA CHALCOGRAMMA	2229.	97.3	7932.4	22490.6
SCORPAENIDAE(FAMILY)	4.	0.2	14.2	40.4
TOTAL	2290.	100.0	8149.5	23106.1

TABLE:	73	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	223 M3
POSITION:	48 59.1 N 123 24.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	47 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	245 M	TIME OF TOW:	1410 HR	ALIQUOT:	
		DEPTH OF TOW:	215 M	S.H.F.:	9.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	0.0	35.9	77.0
MERLUCCIUS PRODUCTUS	164.	0.9	735.4	1577.7
THERAGRA CHALCOGRAMMA	18072	99.1	81040.4	173852.6
TOTAL	18244.	100.0	81811.7	175507.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.2	13.5	28.9
CLUPEA HARENGUS	36.	2.4	161.4	346.3
LEUROGLOSSUS STILBIUS	13.	0.9	58.3	125.1
MERLUCCIUS PRODUCTUS	2.	0.1	9.0	19.2
THERAGRA CHALCOGRAMMA	1413.	96.1	6336.3	13593.1
SCORPAENIDAE(FAMILY)	4.	0.3	17.9	38.5
TOTAL	1471.	100.0	6596.4	14151.0

TABLE:	74	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NC.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	154 M3
POSITION:	48 56.0 N 123 20.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	43 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	197 M	TIME OF TOW:	1454 HR	ALIQUOT:	
		DEPTH OF TOW:	175 M	S.H.F.:	11.40

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.1	26.0	45.6
LEUROGLOSSUS STILBIUS	3.	0.1	19.5	34.2
MERLUCCIUS PRODUCTUS	105.	1.9	681.8	1197.0
THERAGRA CHALCOGRAMMA	5506.	98.0	35753.2	62768.4
TOTAL	5618.	100.0	36480.5	64045.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	59.	29.4	383.1	672.6
LEUROGLOSSUS STILBIUS	3.	1.5	19.5	34.2
THERACRA CHALCOGRAMMA	138.	68.7	896.1	1573.2
SCORPAENIDAE(FAMILY)	1.	0.5	6.5	11.4
TOTAL	201.	100.0	1305.2	2291.4

TABLE:	75	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	114 M3
POSITION:	48 53.5 N 123 17.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	140 M	TIME OF TOW:	1530 HR	ALIQUOT:	
		DEPTH OF TOW:	113 M	S.H.F.:	9.90

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	0.6	70.2	79.2
MERLUCCIUS PRODUCTUS	12.	0.9	105.3	118.8
THERAGRA CHALCOGRAMMA	1317.	98.5	11552.6	13038.3
TOTAL	1337.	100.0	11728.1	13236.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	25.	34.7	219.3	247.5
LEUROGLOSSUS STILBIUS	5.	6.9	43.9	49.5
MERLUCCIUS PRODUCTUS	1.	1.4	8.8	9.9
THERAGRA CHALCOGRAMMA	40.	55.6	350.9	396.0
SCORPAENIDAE(FAMILY)	1.	1.4	8.8	9.9
TOTAL	72.	100.0	631.6	712.8

TABLE: 76
CRUISE: SG 79- 6
SAMPLE NO.: 10
DATE: 3/ 4/79
VESSEL: CALIGUS
POSITION: 48 54.4 N 123 16.8 W
GRID POSITION: 40 . 39
BOTTOM DEPTH: 192 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT: 0 M
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1550 HR
DEPTH OF TOW: 170 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 161 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.56

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.0	6.2	10.6
THERAGRA CHALCOGRAMMA	6098.	100.0	37875.8	64394.9
TOTAL	6099.	100.0	37882.0	64405.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	62.	7.8	385.1	654.7
LEUROGLOSSUS STILBIUS	7.	0.9	43.5	73.9
THERAGRA CHALCOGRAMMA	724.	91.1	4496.9	7645.4
SCORPAENIDAE(FAMILY)	2.	0.3	12.4	21.1
TOTAL	795.	100.0	4937.9	8395.2

TABLE:	77	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	136 M3
POSITION:	48 55.2 N 123 16.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	165 M	TIME OF TOW:	1615 HR	ALIQUOT:	
		DEPTH OF TOW:	151 M	S.H.F.:	11.12

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.2	44.1	66.7
MERLUCCIUS PRODUCTUS	44.	1.8	323.5	489.3
THERAGRA CHALCOGRAMMA	2438.	98.0	17926.5	27110.6
TOTAL	2488.	100.0	18294.1	27666.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.5	36.8	55.6
CLUPEA HARENGUS	62.	6.1	455.9	689.4
LEUROGLOSSUS STILBIUS	6.	0.6	44.1	66.7
MERLUCCIUS PRODUCTUS	3.	0.3	22.1	33.4
THERAGRA CHALCOGRAMMA	933.	92.3	6860.3	10375.0
SCORPAENIDAE(FAMILY)	2.	0.2	14.7	22.2
TOTAL	1011.	100.0	7433.8	11242.3

TABLE:	78	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	124 M3
POSITION:	48 56.8 N 123 14.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	140 M	TIME OF TOW:	1643 HR	ALIQUOT:	
		DEPTH OF TOW:	120 M	S.H.F.:	9.68

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1	0.1	8.1	9.7
MERLUCCIUS PRODUCTUS	2.	0.1	16.1	19.4
THERAGRA CHALCOGRAMMA	1764.	99.8	14225.8	17075.5
TOTAL	1767.	100.0	14250.0	17104.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	16.	4.7	129.0	154.9
LEUROGLOSSUS STILBIUS	6.	1.8	48.4	58.1
THERAGRA CHALCOGRAMMA	314.	92.4	2532.3	3039.5
SCORPAENIDAE(FAMILY)	4.	1.2	32.3	38.7
TOTAL	340.	100.0	2741.9	3291.2

TABLE:	79	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	113 M3
POSITION:	48 58.5 N 123 12.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	132 M	TIME OF TOW:	1707 HR	ALIQUOT:	
		DEPTH OF TOW:	113 M	S.H.F.:	10.00

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	17.7	20.0
MERLUCCIUS PRODUCTUS	5.	0.5	44.2	50.0
THERAGRA CHALCOGRAMMA	927.	99.3	8203.5	9270.0
TOTAL	934.	100.0	8265.5	9340.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.5	17.7	20.0
CLUPEA HARENGUS	1.	0.7	8.8	10.0
LEUROGLOSSUS STILBIUS	10.	7.4	88.5	100.0
THERAGRA CHALCOGRAMMA	121.	89.6	1070.8	1210.0
SCORPAENIDAE(FAMILY)	1.	0.7	8.8	10.0
TOTAL	135.	100.0	1194.7	1350.0

TABLE:	80	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	88 M3
POSITION:	48 57.4 N 123 10.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	116 M	TIME OF TOW:	1738 HR	ALIQUOT:	
		DEPTH OF TOW:	100 M	S.H.F.:	11.35

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	0.6	11.4	11.4
THERAGRA CHALCOGRAMMA	170.	99.4	1931.8	1929.5
TOTAL	171.	100.0	1943.2	1940.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	35.	100.0	397.7	397.3
TOTAL	35.	100.0	397.7	397.3

TABLE:	81	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	115 M3
POSITION:	48 55.7 N 123 11.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	1800 HR	ALIQUOT:	
		DEPTH OF TOW:	117 M	S.H.F.:	10.18

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.7	26.1	30.5
MERLUCCIUS PRODUCTUS	2.	0.4	17.4	20.4
THERAGRA CHALCOGRAMMA	452.	98.9	3930.4	4601.4
TOTAL	457.	100.0	3973.9	4652.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.7	8.7	10.2
CLUPEA HARENGUS	76.	50.7	660.9	773.7
LEUROGLOSSUS STILBIUS	4.	2.7	34.8	40.7
MERLUCCIUS PRODUCTUS	1.	0.7	8.7	10.2
THERAGRA CHALCOGRAMMA	68.	45.3	591.3	692.2
TOTAL	150.	100.0	1304.3	1527.0

TABLE:	82	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	100 M3
POSITION:	48 54.1 N 123 13.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	142 M	TIME OF TOW:	1826 HR	ALIQUOT:	
		DEPTH OF TOW:	128 M	S.H.F.:	12.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	2.	0.2	20.0	25.7
THERAGRA CHALCOGRAMMA	961	99.8	9610.0	12358.5
TOTAL	963	100.0	9630.0	12384.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	10.0	12.9
CLUPEA HARENGUS	128	32.3	1280.0	1646.1
LEUROGLOSSUS STILBIUS	7.	1.8	70.0	90.0
THERAGRA CHALCOGRAMMA	255.	64.4	2550.0	3279.3
SCORPAENIDAE(FAMILY)	5.	1.3	50.0	64.3
TOTAL	396.	100.0	3960.0	5092.6

TABLE:	83	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	3/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	120 M3
POSITION:	48 53.0 N 123 14.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1850 HR	ALIQUOT:	
		DEPTH OF TOW:	175 M	S.H.F.:	14.58

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.0	8.3	14.6
MERLUCCIUS PRODUCTUS	3.	0.1	25.0	43.7
THERAGRA CHALCOGRAMMA	1.	0.0	8.3	14.6
	3738.	99.9	31150.0	54500.0
TOTAL	3743.	100.0	31191.7	54572.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	195.	28.4	1625.0	2843.1
LEUROGLOSSUS STILBIUS	1.	0.1	8.3	14.6
THERAGRA CHALCOGRAMMA	486.	70.7	4050.0	7085.9
SCORPAENIDAE(FAMILY)	5.	0.7	41.7	72.9
TOTAL	687.	100.0	5725.0	10016.5

TABLE:	84	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	169 M3
POSITION:	48 51.6 N 123 12.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	219 M	TIME OF TOW:	0732 HR	ALIQUOT:	
		DEPTH OF TOW:	200 M	S.H.F.:	11.80

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2	0.1	11.8	23.6
MERLUCCIUS PRODUCTUS	3.	0.1	17.8	35.4
THERAGRA CHALCOGRAMMA	3863.	99.9	22858.0	45583.4
TOTAL	3868.	100.0	22887.6	45642.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	113.	21.1	668.6	1333.4
LEUROGLOSSUS STILBIUS	2	0.4	11.8	23.6
THERAGRA CHALCOGRAMMA	415.	77.4	2455.6	4897.0
SCORPAENIDAE(FAMILY)	5.	0.9	29.6	59.0
PLEURONECTIDAE(FAMILY)	1.	0.2	5.9	11.8
TOTAL	536.	100.0	3171.6	6324.8

TABLE: 85
CRUISE: SG 79- 6
SAMPLE NO.: 19
DATE: 4/ 4/79
VESSEL: CALIGUS
POSITION: 48 52.9 N 123 10.9 W
GRID POSITION: 36 . 38
BOTTOM DEPTH: 137 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0803 HR
DEPTH OF TOW: 121 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 108 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 11.15

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	3.3	37.0	44.6
THERAGRA CHALCOGRAMMA	117.	96.7	1083.3	1304.5
TOTAL	121.	100.0	1120.4	1349.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	9.3	11.1
CLUPEA HARENGUS	56.	11.7	518.5	624.4
LEUROGLOSSUS STILBIUS	2.	0.4	18.5	22.3
THERAGRA CHALCOGRAMMA	418.	87.4	3870.4	4660.7
SCORPAENIDAE(FAMILY)	1.	0.2	9.3	11.1
TOTAL	478.	100.0	4425.9	5329.7

TABLE:	86	WIND DIRECTION:	0 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:	0 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	113 M3
POSITION:	48 54.6 N 123 9.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	125 M	TIME OF TOW:	0832 HR	ALIQUOT:	
		DEPTH OF TOW:	105 M	S.H.F.:	9.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	8.8	9.3
THERAGRA CHALCOGRAMMA	510.	99.8	4513.3	4732.8
TOTAL	511.	100.0	4522.1	4742.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	26.	17.9	230.1	241.3
THERAGRA CHALCOGRAMMA	117.	80.7	1035.4	1085.8
SCORPAENIDAE(FAMILY)	2.	1.4	17.7	18.6
TOTAL	145.	100.0	1283.2	1345.6

TABLE:	87
CRUISE:	SG 79- 6
SAMPLE NO.:	21
DATE:	4/ 4/79
VESSEL:	CALIGUS
POSITION:	48 56.3 N 123 7.5 W
GRID POSITION:	36 . 34
BOTTOM DEPTH:	114 M

WIND DIRECTION:	
WIND VELOCITY:	
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	0856 HR
DEPTH OF TOW:	100 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	87 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	11.57

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	342.	99.7	3931.0	3956.9
PLEURONECTIDAE(FAMILY)	1.	0.3	11.5	11.6
TOTAL	343.	100.0	3942.5	3968.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	8.	3.2	92.0	92.6
MERLUCCIUS PRODUCTUS	1.	0.4	11.5	11.6
THERAGRA CHALCOGRAMMA	234.	94.4	2689.7	2707.4
STICHAEIDAE(FAMILY)	1.	0.4	11.5	11.6
SCORPAENIDAE(FAMILY)	4.	1.6	46.0	46.3
TOTAL	248.	100.0	2850.6	2869.4

TABLE: 88
CRUISE: SG 79- 6
SAMPLE NO.: 22
DATE: 4/ 4/79
VESSEL: CALIGUS
POSITION: 48 55.1 N 123 5.0 W
GRID POSITION: 34 . 34
BOTTOM DEPTH: 121 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0922 HR
DEPTH OF TOW: 97 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 108 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.96

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	76.	100.0	703.7	681.0
TOTAL	76.	100.0	703.7	681.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	9.7	83.3	80.6
CLUPEA HARENGUS	14.	15.1	129.6	125.4
THERAGRA CHALCOGRAMMA	65.	69.9	601.9	582.4
SCORPAENIDAE(FAMILY)	3.	3.2	27.8	26.9
AGONIDAE(FAMILY)	1.	1.1	9.3	9.0
CYCLOPTERIDAE(FAMILY)	1.	1.1	9.3	9.0
TOTAL	93.	100.0	861.1	833.3

TABLE:	89	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	119 M3
POSITION:	48 53.5 N 123 6.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	0949 HR	ALIQUOT:	
		DEPTH OF TOW:	112 M	S.H.F.:	9.39

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.6	25.2	28.2
THERAGRA CHALCOGRAMMA	466.	99.4	3916.0	4375.7
TOTAL	469.	100.0	3941.2	4403.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	8.4	9.4
CLUPEA HARENGUS	62.	12.9	521.0	582.2
LEUROGLOSSUS STILBIUS	4.	0.8	33.6	37.6
THERAGRA CHALCOGRAMMA	403.	83.8	3386.6	3784.2
STICHAEIDAE(FAMILY)	1.	0.2	8.4	9.4
SCORPAENIDAE(FAMILY)	7.	1.5	58.8	65.7
PLEURONECTIDAE(FAMILY)	3.	0.6	25.2	28.2
TOTAL	481.	100.0	4042.0	4516.6

TABLE:	90	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	126 M3
POSITION:	48 51.8 N 123 8.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	143 M	TIME OF TOW:	1015 HR	ALIQUOT:	
		DEPTH OF TOW:	128 M	S.H.F.:	10.14

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	0.7	7.9	10.1
THERAGRA CHALCOGRAMMA	148.	99.3	1174.6	1500.7
TOTAL	149.	100.0	1182.5	1510.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	2.4	15.9	20.3
LEUROGLOSSUS STILBIUS	6.	7.1	47.6	60.8
THERAGRA CHALCOGRAMMA	71.	83.5	563.5	719.9
SCORPAENIDAE(FAMILY)	5.	5.9	39.7	50.7
PLEURONECTIDAE(FAMILY)	1.	1.2	7.9	10.1
TOTAL	85.	100.0	674.6	861.9

TABLE:	91
CRUISE:	SG 79- 6
SAMPLE NO.:	25
DATE:	4/ 4/79
VESSEL:	CALIGUS
POSITION:	48 50.5 N 123 9.7 W
GRID POSITION:	34 . 39
BOTTOM DEPTH:	208 M
WIND DIRECTION:	
WIND VELOCITY:	
WAVE HEIGHT:	
SWELL HEIGHT:	
SURFACE TEMP:	
STD NUMBER:	
BT/XBT NUMBER:	
TIME OF TOW:	1040 HR
DEPTH OF TOW:	184 M
TOW SPEED:	1 M^S
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	177 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	10.41

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	0.2	33.9	62.5
MERLUCCIUS PRODUCTUS	6.	0.2	33.9	62.5
THERAGRA CHALCOGRAMMA	2441.	99.5	13791.0	25410.8
TOTAL	2453.	100.0	13858.8	25535.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.6	16.9	31.2
CLUPEA HARENGUS	63.	11.6	355.9	655.8
LEUROGLOSSUS STILBIUS	1.	0.2	5.6	10.4
MERLUCCIUS PRODUCTUS	1.	0.2	5.6	10.4
THERAGRA CHALCOGRAMMA	470.	86.4	2655.4	4892.7
SCORPAENIDAE(FAMILY)	6.	1.1	33.9	62.5
TOTAL	544.	100.0	3073.4	5663.0

TABLE:	92	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	131 M3
POSITION:	48 49.1 N 123 7.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	148 M	TIME OF TOW:	1112 HR	ALIQUOT:	
		DEPTH OF TOW:	132 M	S.H.F.:	10.05

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	357.	100.0	2725.2	3587.9
TOTAL	357.	100.0	2725.2	3587.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.5	15.3	20.1
CLUPEA HARENGUS	2.	1.5	15.3	20.1
LEUROGLOSSUS STILBIUS	1.	0.7	7.6	10.1
MERLUCCIUS PRODUCTUS	1.	0.7	7.6	10.1
THERAGRA CHALCOGRAMMA	122.	90.4	931.3	1226.1
SCORPAENIDAE(FAMILY)	7.	5.2	53.4	70.3
TOTAL	135.	100.0	1030.5	1356.8

TABLE:	93	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:	0 M	GEAR TYPE:	OBLIQUE
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	173 M3
POSITION:	48 50.7 N 123 5.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1139 HR	ALIQUOT:	
		DEPTH OF TOW:	184 M	S.H.F.:	10.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	5.8	10.6
LEUROGLOSSUS STILBIUS	1.	0.1	5.8	10.6
MERLUCCIUS PRODUCTUS	4.	0.6	23.1	42.5
THERAGRA CHALCOGRAMMA	661.	99.1	3820.8	7019.8
TOTAL	667.	100.0	3855.5	7083.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	16.	8.2	92.5	169.9
CLUPEA HARENGUS	8.	4.1	46.2	85.0
THERAGRA CHALCOGRAMMA	159.	81.1	919.1	1688.6
STICHAEIDAE(FAMILY)	2.	1.0	11.6	21.2
SCORPAENIDAE(FAMILY)	9.	4.6	52.0	95.6
AGONIDAE(FAMILY)	1.	0.5	5.8	10.6
PLEURONECTIDAE(FAMILY)	1.	0.5	5.8	10.6
TOTAL	196.	100.0	1132.9	2081.5

TABLE:	94	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	28	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	150 M3
POSITION:	48 52.4 N 123 4.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	158 M	TIME OF TOW:	1211 HR	ALIQUOT:	
		DEPTH OF TOW:	141 M	S.H.F.:	9.43

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	4.2	20.0	28.3
THERAGRA CHALCOGRAMMA	69.	95.8	460.0	650.7
TOTAL	72.	100.0	480.0	679.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	23.	3.9	153.3	216.9
CLUPEA HARENGUS	25.	4.3	166.7	235.8
LEUROGLOSSUS STILBIUS	1.	0.2	6.7	9.4
THERAGRA CHALCOGRAMMA	508.	87.0	3386.7	4790.4
STICHAEIDAE(FAMILY)	2.	0.3	13.3	18.9
SCORPAENIDAE(FAMILY)	24.	4.1	160.0	226.3
AGONIDAE(FAMILY)	1.	0.2	6.7	9.4
TOTAL	584.	100.0	3893.3	5507.1

TABLE:	95	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	29	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	144 M3
POSITION:	48 54.0 N 123 2.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	155 M	TIME OF TOW:	1245 HR	ALIQUOT:	
		DEPTH OF TOW:	139 M	S.H.F.:	9.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	12.	15.0	83.3	115.7
THERAGRA CHALCOGRAMMA	68.	85.0	472.2	655.5
TOTAL	80.	100.0	555.6	771.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	32.	18.4	222.2	308.5
CLUPEA HARENGUS	2.	1.1	13.9	19.3
THERAGRA CHALCOGRAMMA	137.	78.7	951.4	1320.7
SCORPAENIDAE(FAMILY)	3.	1.7	20.8	28.9
TOTAL	174.	100.0	1208.3	1677.4

TABLE:	96	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	30	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	125 M3
POSITION:	48 55.7 N 123 0.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	152 M	TIME OF TOW:	1310 HR	ALIQUOT:	
		DEPTH OF TOW:	137 M	S.H.F.:	10.96

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	7.4	32.0	43.8
THERAGRA CHALCOGRAMMA	50.	92.6	400.0	548.0
TOTAL	54.	100.0	432.0	591.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	28.	38.9	224.0	306.9
CLUPEA HARENGUS	2.	2.8	16.0	21.9
THERAGRA CHALCOGRAMMA	25.	34.7	200.0	274.0
SCORPAENIDAE(FAMILY)	17.	23.6	136.0	186.3
TOTAL	72.	100.0	576.0	789.1

TABLE:	97	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	112 M3
POSITION:	48 54.6 N 122 58.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	121 M	TIME OF TOW:	1327 HR	ALIQUOT:	
		DEPTH OF TOW:	108 M	S.H.F.:	9.65

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	92.	100.0	821.4	887.8
TOTAL	92.	100.0	821.4	887.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	58.	26.0	517.9	559.7
CLUPEA HARENGUS	33.	14.8	294.6	318.4
THERAGRA CHALCOGRAMMA	126.	56.5	1125.0	1215.9
SCORPAENIDAE(FAMILY)	6.	2.7	53.6	57.9
TOTAL	223.	100.0	1991.1	2151.9

TABLE:	98	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	180 M3
POSITION:	48 52.9 N 122 59.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1410 HR	ALIQUOT:	
		DEPTH OF TOW:	179 M	S.H.F.:	9.91

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	0.5	5.6	9.9
THERAGRA CHALCOGRAMMA	201.	99.5	1116.7	1991.9
TOTAL	202.	100.0	1122.2	2001.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	5.3	50.0	89.2
CLUPEA HARENGUS	12.	7.1	66.7	118.9
LEUROGLOSSUS STILBIUS	1.	0.6	5.6	9.9
THERAGRA CHALCOGRAMMA	130.	76.5	722.2	1288.3
SCORPAENIDAE(FAMILY)	18.	10.6	100.0	178.4
TOTAL	170.	100.0	944.4	1684.7

TABLE:	99	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	161 M3
POSITION:	48 51.3 N 123 1.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1447 HR	ALIQUOT:	
		DEPTH OF TOW:	170 M	S.H.F.:	10.55

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.8	18.6	31.7
MERLUCCIUS PRODUCTUS	1.	0.3	6.2	10.6
THERAGRA CHALCOGRAMMA	351.	98.9	2180.1	3703.1
TOTAL	355.	100.0	2205.0	3745.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	11.	4.0	68.3	116.1
CLUPEA HARENGUS	10.	3.6	62.1	105.5
LEUROGLOSSUS STILBIUS	6.	2.2	37.3	63.3
MERLUCCIUS PRODUCTUS	1.	0.4	6.2	10.6
THERAGRA CHALCOGRAMMA	233.	84.4	1447.2	2458.2
SCORPAENIDAE(FAMILY)	15.	5.4	93.2	158.3
TOTAL	276.	100.0	1714.3	2911.8

TABLE:	100	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	34	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	164 M3
POSITION:	48 49.6 N 123 3.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1524 HR	ALIQUOT:	
		DEPTH OF TOW:	170 M	S.H.F.:	10.38

EGGS	TOTAL NUMBER	TAXA PCT	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	745.	100.0	4542.7	7733.1
TOTAL	745.	100.0	4542.7	7733.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.6	18.3	31.1
CLUPEA HARENGUS	131.	25.1	798.8	1359.8
THERAGRA CHALCOGRAMMA	380.	72.9	2317.1	3944.4
SCORPAENIDAE(FAMILY)	7.	1.3	42.7	72.7
TOTAL	521.	100.0	3176.8	5408.0

TABLE:	101	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	35	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	125 M3
POSITION:	48 48.3 N 123 4.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	137 M	TIME OF TOW:	1552 HR	ALIQUOT:	
		DEPTH OF TOW:	117 M	S.H.F.:	9.34

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	398.	100.0	3184.0	3717.3
TOTAL	398.	100.0	3184.0	3717.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	8.0	9.3
CLUPEA HARENGUS	64.	24.9	512.0	597.8
MERLUCCIUS PRODUCTUS	1.	0.4	8.0	9.3
THERAGRA CHALCOGRAMMA	187.	72.8	1496.0	1746.6
SCORPAENIDAE(FAMILY)	3.	1.2	24.0	28.0
AGONIDAE(FAMILY)	1.	0.4	8.0	9.3
TOTAL	257.	100.0	2056.0	2400.4

TABLE:	102	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	36	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	158 M3
POSITION:	48 48.5 N 123 0.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	175 M	TIME OF TOW:	1623 HR	ALIQUOT:	
		DEPTH OF TOW:	155 M	S.H.F.:	9.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	0.3	6.3	9.8
THERAGRA CHALCOGRAMMA	303.	99.7	1917.7	2981.5
TOTAL	304.	100.0	1924.1	2991.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	6.3	9.8
CLUPEA HARENGUS	10.	2.2	63.3	98.4
LEUROGLOSSUS STILBIUS	1.	0.2	6.3	9.8
MERLUCCIUS PRODUCTUS	1.	0.2	6.3	9.8
THERAGRA CHALCOGRAMMA	408.	91.3	2582.3	4014.7
SCORPAENIDAE(FAMILY)	20.	4.5	126.6	196.8
COTTIDAE(FAMILY)	2.	0.4	12.7	19.7
AGONIDAE(FAMILY)	1.	0.2	6.3	9.8
CYCLOPTERIDAE(FAMILY)	3.	0.7	19.0	29.5
TOTAL	447.	100.0	2829.1	4398.5

TABLE:	103	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	37	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	4/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	174 M3
POSITION:	48 46.3 N 123 1.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1653 HR	ALIQUOT:	
		DEPTH OF TOW:	174 M	S.H.F.:	9.99

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	2.	0.8	11.5	20.0
THERAGRA CHALCOGRAMMA	255.	99.2	1465.5	2547.4
TOTAL	257.	100.0	1477.0	2567.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	12.7	51.7	89.9
CLUPEA HARENGUS	4.	5.6	23.0	40.0
MERLUCCIUS PRODUCTUS	2.	2.8	11.5	20.0
THERAGRA CHALCOGRAMMA	56.	78.9	321.8	559.4
TOTAL	71.	100.0	408.0	709.3

TABLE:	104	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	38	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	5/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	107 M3
POSITION:	48 45.1 N 122 58.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	25 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	100 M	TIME OF TOW:	0750 HR	ALIQUOT:	
		DEPTH OF TOW:	84 M	S.H.F.:	7.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	9.3	7.9
MERLUCCIUS PRODUCTUS	4.	0.8	37.4	31.4
THERAGRA CHALCOGRAMMA	508.	99.0	4747.7	3992.9
TOTAL	513.	100.0	4794.4	4032.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.5	28.0	23.6
CLUPEA HARENGUS	12.	5.9	112.1	94.3
LEUROGLOSSUS STILBIUS	1.	0.5	9.3	7.9
THERAGRA CHALCOGRAMMA	177.	86.8	1654.2	1391.2
STICHAEIDAE(FAMILY)	1.	0.5	9.3	7.9
SCORPAENIDAE(FAMILY)	2.	1.0	18.7	15.7
COTTIDAE(FAMILY)	4.	2.0	37.4	31.4
AGONIDAE(FAMILY)	1.	0.5	9.3	7.9
CYCLOPTERIDAE(FAMILY)	3.	1.5	28.0	23.6
TOTAL	204.	100.0	1906.5	1603.4

TABLE:	105	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	39	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	178 M3
POSITION:	48 47.4 N 122 58.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	219 M	TIME OF TOW:	0835 HR	ALIQUOT:	
		DEPTH OF TOW:	192 M	S.H.F.:	10.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	2.	0.2	11.2	21.6
THERAGRA CHALCOGRAMMA	835.	99.8	4691.0	9009.7
TOTAL	837.	100.0	4702.2	9031.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.7	5.6	10.8
CLUPEA HARENGUS	17.	12.1	95.5	183.4
LEUROGLOSSUS STILBIUS	1.	0.7	5.6	10.8
MERLUCCIUS PRODUCTUS	1.	0.7	5.6	10.8
THERAGRA CHALCOGRAMMA	110.	78.6	618.0	1186.9
LYCONECTES ALEUTENSIS	1.	0.7	5.6	10.8
SCORPAENIDAE(FAMILY)	9.	6.4	50.6	97.1
TOTAL	140.	100.0	786.5	1510.6

TABLE:	106	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	40	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	156 M3
POSITION:	48 49.0 N 122 56.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0854 HR	ALIQUOT:	
		DEPTH OF TOW:	180 M	S.H.F.:	11.56

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	1.0	19.2	34.7
THERAGRA CHALCOGRAMMA	294.	99.0	1884.6	3398.6
TOTAL	297.	100.0	1903.8	3433.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	14.	4.7	89.7	161.8
CLUPEA HARENGUS	34.	11.4	217.9	393.0
THERAGRA CHALCOGRAMMA	233.	78.2	1493.6	2693.5
SCORPAENIDAE(FAMILY)	17.	5.7	109.0	196.5
TOTAL	298.	100.0	1910.3	3444.9

TABLE:	107	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	41	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	162 M3
POSITION:	48 50.7 N 122 54.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	0935 HR	ALIQUOT:	
		DEPTH OF TOW:	159 M	S.H.F.:	9.78

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.4	6.2	9.8
THERAGRA CHALCOGRAMMA	255.	99.6	1574.1	2493.9
TOTAL	256.	100.0	1580.2	2503.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	22.	20.2	135.8	215.2
CLUPEA HARENGUS	15.	13.8	92.6	146.7
THERAGRA CHALCOGRAMMA	49.	45.0	302.5	479.2
SCORPAENIDAE(FAMILY)	21.	19.3	129.6	205.4
PLEURONECTIDAE(FAMILY)	2.	1.8	12.3	19.6
TOTAL	109.	100.0	672.8	1066.0

TABLE:	108	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	42	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	103 M3
POSITION:	48 52.3 N 122 53.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	66 M	TIME OF TOW:	1015 HR	ALIQUOT:	
		DEPTH OF TOW:	55 M	S.H.F.:	5.34

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	1.1	9.7	5.3
THERAGRA CHALCOGRAMMA	89.	98.9	864.1	475.3
TOTAL	90.	100.0	873.8	480.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	18.	5.6	174.8	96.1
CLUPEA HARENGUS	45.	13.9	436.9	240.3
MERLUCCIUS PRODUCTUS	1.	0.3	9.7	5.3
THERAGRA CHALCOGRAMMA	223.	68.8	2165.0	1190.8
STICHAEIDAE(FAMILY)	11.	3.4	106.8	58.7
SCORPAENIDAE(FAMILY)	20.	6.2	194.2	106.8
COTTIDAE(FAMILY)	1.	0.3	9.7	5.3
AGONIDAE(FAMILY)	1.	0.3	9.7	5.3
CYCLOPTERIDAE(FAMILY)	2.	0.6	19.4	10.7
PLEURONECTIDAE(FAMILY)	2.	0.6	19.4	10.7
TOTAL	324.	100.0	3145.6	1730.2

TABLE:	109	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	43	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	99 M3
POSITION:	48 53.4 N 122 55.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	91 M	TIME OF TOW:	1020 HR	ALIQUOT:	
		DEPTH OF TOW:	71 M	S.H.F.:	7.23

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	4.5	40.4	28.9
THERAGRA CHALCOGRAMMA	85.	95.5	858.6	614.5
TOTAL	89.	100.0	899.0	643.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	29.	9.0	292.9	209.7
CLUPEA HARENGUS	12.	3.7	121.2	86.8
LEUROGLOSSUS STILBIUS	4.	1.2	40.4	28.9
MERLUCCIUS PRODUCTUS	2.	0.6	20.2	14.5
THERAGRA CHALCOGRAMMA	254.	78.4	2565.7	1836.4
SCORPAENIDAE(FAMILY)	23.	7.1	232.3	166.3
TOTAL	324	100.0	3272.7	2342.5

TABLE:	110	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	44	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	5/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	221 M3
POSITION:	48 51.8 N 122 57.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	219 M	TIME OF TOW:	1045 HR	ALIQUOT:	
		DEPTH OF TOW:	187 M	S.H.F.:	8.55

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.2	4.5	8.6
MERLUCCIUS PRODUCTUS	2.	0.3	9.0	17.1
THERAGRA CHALCOGRAMMA	621.	99.5	2810.0	5309.6
TOTAL	624.	100.0	2823.5	5335.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	3.5	31.7	59.9
CLUPEA HARENGUS	8.	4.0	36.2	68.4
MERLUCCIUS PRODUCTUS	1.	0.5	4.5	8.6
THERAGRA CHALCOGRAMMA	171.	85.5	773.8	1462.1
SCORPAENIDAE(FAMILY)	7.	3.5	31.7	59.9
COTTIDAE(FAMILY)	4.	2.0	18.1	34.2
CYCLOPTERIDAE(FAMILY)	1.	0.5	4.5	8.6
PLEURONECTIDAE(FAMILY)	1.	0.5	4.5	8.6
TOTAL	200.	100.0	905.0	1710.0

TABLE:	111	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 6	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	45	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	5/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	182 M3
POSITION:	48 50.1 N 122 59.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	184 M	S.H.F.:	10.16

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	5.5	10.2
MERLUCCIUS PRODUCTUS	2.	0.6	11.0	20.3
THERAGRA CHALCOGRAMMA	313.	99.1	1719.8	3180.1
TOTAL	316.	100.0	1736.3	3210.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	7.	13.7	38.5	71.1
LEUROGLOSSUS STILBIUS	2.	3.9	11.0	20.3
MERLUCCIUS PRODUCTUS	1.	2.0	5.5	10.2
THERAGRA CHALCOGRAMMA	35.	68.6	192.3	355.6
SCORPAENIDAE(FAMILY)	5.	9.8	27.5	50.8
AGONIDAE(FAMILY)	1.	2.0	5.5	10.2
TOTAL	51.	100.0	280.2	518.2

TABLE:	112	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 7	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	191 M3
POSITION:	49 15.3 N 123 50.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	267 M	TIME OF TOW:	0753 HR	ALIQUOT:	
		DEPTH OF TOW:	244 M	S.H.F.:	12.78

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.1	20.9	51.1
LEUROGLOSSUS STILBIUS	7.	0.2	36.6	89.5
MERLUCCIUS PRODUCTUS	2616.	89.4	13696.3	33432.5
THERAGRA CHALCOGRAMMA	300.	10.2	1570.7	3834.0
TOTAL	2927.	100.0	15324.6	37407.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.2	15.7	38.3
CLUPEA HARENGUS	56.	21.8	293.2	715.7
LEUROGLOSSUS STILBIUS	3.	1.2	15.7	38.3
MERLUCCIUS PRODUCTUS	1.	0.4	5.2	12.8
THERAGRA CHALCOGRAMMA	191.	74.3	1000.0	2441.0
SCORPAENIDAE(FAMILY)	3.	1.2	15.7	38.3
TOTAL	257.	100.0	1345.5	3284.5

TABLE:	113	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	369 M3
POSITION:	49 16.9 N 123 48.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	412 M	TIME OF TOW:	0925 HR	ALIQUOT:	
		DEPTH OF TOW:	360 M	S.H.F.:	9.74

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.1	10.8	39.0
MERLUCCIUS PRODUCTUS	3120.	96.3	8455.3	30388.8
THERAGRA CHALCOGRAMMA	116.	3.6	314.4	1129.8
TOTAL	3240.	100.0	8780.5	31557.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	100.	14.2	271.0	974.0
LEUROGLOSSUS STILBIUS	4.	0.6	10.8	39.0
MERLUCCIUS PRODUCTUS	24.	3.4	65.0	233.8
THERAGRA CHALCOGRAMMA	576.	81.8	1561.0	5610.2
TOTAL	704.	100.0	1907.9	6857.0

TABLE:	114	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 7	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	354 M3
POSITION:	49 15.8 N 123 46.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	410 M	TIME OF TOW:	1008 HR	ALIQUOT:	
		DEPTH OF TOW:	368 M	S.H.F.:	10.41

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	22.	0.5	62.1	229.0
LEUROGLOSSUS STILBIUS	20.	0.5	56.5	208.2
MERLUCCIUS PRODUCTUS	3176.	74.7	8971.8	33062.2
THERAGRA CHALCOGRAMMA	1034.	24.3	2920.9	10763.9
TOTAL	4252.	100.0	12011.3	44263.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	5.6	20.8
CLUPEA HARENGUS	30.	2.9	84.7	312.3
LEUROGLOSSUS STILBIUS	12.	1.2	33.9	124.9
MERLUCCIUS PRODUCTUS	36.	3.5	101.7	374.8
THERAGRA CHALCOGRAMMA	956.	91.9	2700.6	9952.0
SCORPAENIDAE(FAMILY)	4.	0.4	11.3	41.6
TOTAL	1040.	100.0	2937.9	10826.4

TABLE:	115	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 7	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	367 M3
POSITION:	49 17.4 N 123 44.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1100 HR	ALIQUOT:	
		DEPTH OF TOW:	353 M	S.H.F.:	9.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	2394.	74.0	6523.2	23030.3
THERAGRA CHALCOGRAMMA	840.	26.0	2288.8	8080.8
TOTAL	3234.	100.0	8812.0	31111.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	21.	1.1	57.2	202.0
LEUROGLOSSUS STILBIUS	28.	1.5	76.3	269.4
MERLUCCIUS PRODUCTUS	7.	0.4	19.1	67.3
THERAGRA CHALCOGRAMMA	1806.	96.3	4921.0	17373.7
SCORPAENIDAE(FAMILY)	14.	0.7	38.1	134.7
TOTAL	1876.	100.0	5111.7	18047.1

TABLE:	116	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	286 M3
POSITION:	49 16.3 N 123 42.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1158 HR	ALIQUOT:	
		DEPTH OF TOW:	383 M	S.H.F.:	13.39

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	4230.	78.7	14790.2	56639.7
THERAGRA CHALCOGRAMMA	1145.	21.3	4003.5	15331.6
TOTAL	5375.	100.0	18793.7	71971.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	0.9	35.0	133.9
MERLUCCIUS PRODUCTUS	45.	4.2	157.3	602.5
THERAGRA CHALCOGRAMMA	1010.	94.4	3531.5	13523.9
SCORPAENIDAE(FAMILY)	5.	0.5	17.5	67.0
TOTAL	1070.	100.0	3741.3	14327.3

TABLE:	117	WIND DIRECTION:	
CRUISE:	SG 79- 7	WIND VELOCITY:	
SAMPLE NO.:	6	WAVE HEIGHT:	
DATE:	11/ 4/79	SWELL HEIGHT:	
VESSEL:	CALIGUS	SURFACE TEMP:	
POSITION:	49 18.0 N 123 40.3 W	STD NUMBER:	
GRID POSITION:	66 . 28	BT/XBT NUMBER:	
BOTTOM DEPTH:	284 M	TIME OF TOW:	1240 HR
		DEPTH OF TOW:	260 M

TOW SPEED:	1 MPS
TYPE OF TOW:	OBLIQUE
GEAR TYPE:	BONGO .25 M2
MESH SIZE:	.351 MM
VOL. FILTERED:	231 M3
DISP. VOLUME:	
PLANKTON CONC.:	
ALIQUOT:	
S.H.F.:	11.25

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	20.	0.7	86.6	225.0
MERLUCCIUS PRODUCTUS	2400.	79.7	10389.6	27000.0
THERAGRA CHALCOGRAMMA	592.	19.7	2562.8	6660.0
TOTAL	3012.	100.0	13039.0	33885.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	1.6	69.3	180.0
MERLUCCIUS PRODUCTUS	32.	3.3	138.5	360.0
THERAGRA CHALCOGRAMMA	932.	95.1	4034.6	10485.0
TOTAL	980.	100.0	4242.4	11025.0

TABLE:	118	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 7	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	246 M3
POSITION:	49 16.9 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1405 HR	ALIQUOT:	
		DEPTH OF TOW:	319 M	S.H.F.:	12.99

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	12.	0.3	48.8	155.9
LEUROGLOSSUS STILBIUS	8.	0.2	32.5	103.9
MERLUCCIUS PRODUCTUS	3132.	82.1	12731.7	40684.7
THERAGRA CHALCOGRAMMA	664.	17.4	2699.2	8625.4
TOTAL	3816.	100.0	15512.2	49569.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.3	16.3	52.0
CLUFEA HARENGUS	80.	6.9	325.2	1039.2
LEUROGLOSSUS STILBIUS	12.	1.0	48.8	155.9
MERLUCCIUS PRODUCTUS	48.	4.2	195.1	623.5
THERAGRA CHALCOGRAMMA	984.	85.4	4000.0	12782.2
SCORPAENIDAE(FAMILY)	16.	1.4	65.0	207.8
PLEURONECTIDAE(FAMILY)	8.	0.7	32.5	103.9
TOTAL	1152.	100.0	4682.9	14964.5

TABLE:	119	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	280 M3
POSITION:	49 15.2 N 123 39.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	393 M	TIME OF TOW:	1504 HR	ALIQUOT:	
		DEPTH OF TOW:	366 M	S.H.F.:	13.08

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	0.3	35.7	130.8
MERLUCCIUS PRODUCTUS	2570.	70.3	9178.6	33615.6
THERAGRA CHALCOGRAMMA	1075.	29.4	3839.3	14061.0
TOTAL	3655.	100.0	13053.6	47807.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.4	17.9	65.4
CLUPEA HARENGUS	110.	8.6	392.9	1438 8
LEUROGLOSSUS STILBIUS	40.	3.1	142.9	523.2
MERLUCCIUS PRODUCTUS	85.	6.6	303.6	1111.8
THERAGRA CHALCOGRAMMA	1020.	79.4	3642.9	13341.6
SCORPAENIDAE(FAMILY)	25.	1.9	89.3	327.0
TOTAL	1285.	100.0	4589.3	16807.8

TABLE:	120	WIND DIRECTION:	180 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 7	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	290 M3
POSITION:	49 13.6 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1603 HR	ALIQUOT:	
		DEPTH OF TOW:	367 M	S.H.F.:	12.62

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	14.	0.4	48.3	176.7
LEUROGLOSSUS STILBIUS	7.	0.2	24.1	88.3
MERLUCCIUS PRODUCTUS	2940.	78.4	10137.9	37102.8
THERAGRA CHALCOGRAMMA	791.	21.1	2727.6	9982.4
TOTAL	3752.	100.0	12937.9	47350.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	14.	1.2	48.3	176.7
CLUPEA HARENGUS	35.	3.0	120.7	441.7
LEUROGLOSSUS STILBIUS	56.	4.9	193.1	706.7
MERLUCCIUS PRODUCTUS	49.	4.3	169.0	618.4
THERAGRA CHALCOGRAMMA	980.	85.4	3379.3	12367.6
SCORPAENIDAE(FAMILY)	14.	1.2	48.3	176.7
TOTAL	1148.	100.0	3958.6	14487.8

TABLE:	121	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 7	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	11/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	178 M3
POSITION:	49 11.9 N 123 42.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	205 M	TIME OF TOW:	1645 HR	ALIQUOT:	
		DEPTH OF TOW:	174 M	S.H.F.:	9.75

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	0.4	56.2	97.5
LEUROGLOSSUS STILBIUS	1.	0.0	5.6	9.8
MERLUCCIUS PRODUCTUS	1946.	87.1	10932.6	18973.5
THERAGRA CHALCOGRAMMA	278.	12.4	1561.8	2710.5
TOTAL	2235.	100.0	12556.2	21791.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	11.2	19.5
CLUPEA HARENGUS	118.	15.9	662.9	1150.5
LEUROGLOSSUS STILBIUS	19.	2.6	106.7	185.3
MERLUCCIUS PRODUCTUS	2.	0.3	11.2	19.5
THERAGRA CHALCOGRAMMA	584.	78.9	3280.9	5694.0
SCORPAENIDAE(FAMILY)	13.	1.8	73.0	126.8
PLEURONECTIDAE(FAMILY)	2.	0.3	11.2	19.5
TOTAL	740.	100.0	4157.3	7215.0

TABLE:	122	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	127 M3
POSITION:	48 53.5 N 123 17.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	0645 HR	ALIQUOT:	
		DEPTH OF TOW:	166 M	S.H.F.:	13.08

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	57.1	63.0	104.6
MERLUCCIUS PRODUCTUS	1.	7.1	7.9	13.1
THERAGRA CHALCOGRAMMA	5.	35.7	39.4	65.4
TOTAL	14.	100.0	110.2	183.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.5	39.4	65.4
CLUPEA HARENGUS	58.	6.1	456.7	758.6
LEUROGLOSSUS STILBIUS	10.	1.1	78.7	130.8
MERLUCCIUS PRODUCTUS	8.	0.8	63.0	104.6
THERAGRA CHALCOGRAMMA	835.	88.5	6574.8	10921.8
SCORPAENIDAE(FAMILY)	28.	3.0	220.5	366.2
TOTAL	944.	100.0	7433.1	12347.5

TABLE:	123	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	189 M3
POSITION:	48 53.0 N 123 14.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	0715 HR	ALIQUOT:	
		DEPTH OF TOW:	190 M	S.H.F.:	10.06

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	6.	8.7	31.7	60.4
MERLUCCIUS PRODUCTUS	1.	1.4	5.3	10.1
THERAGRA CHALCOGRAMMA	62.	89.9	328.0	623.7
TOTAL	69.	100.0	365.1	694.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.7	10.6	20.1
CLUPEA HARENGUS	15.	5.2	79.4	150.9
LEUROGLOSSUS STILBIUS	1.	0.3	5.3	10.1
MERLUCCIUS PRODUCTUS	6.	2.1	31.7	60.4
THERAGRA CHALCOGRAMMA	254.	88.2	1343.9	2555.2
SCORPAENIDAE(FAMILY)	10.	3.5	52.9	100.6
TOTAL	288.	100.0	1523.8	2897.3

TABLE:	124	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	190 M3
POSITION:	48 51.7 N 123 12.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0750 HR	ALIQUOT:	
		DEPTH OF TOW:	173 M	S.H.F.:	9.09

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	20.8	26.3	45.5
THERAGRA CHALCOGRAMMA	19.	79.2	100.0	172.7
TOTAL	24.	100.0	126.3	218.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.4	10.5	18.2
CLUPEA HARENGUS	29.	6.1	152.6	263.6
LEUROGLOSSUS STILBIUS	2.	0.4	10.5	18.2
MERLUCCIUS PRODUCTUS	1.	0.2	5.3	9.1
THERAGRA CHALCOGRAMMA	420.	88.1	2210.5	3817.8
SCORPAENIDAE(FAMILY)	23.	4.8	121.1	209.1
TOTAL	477.	100.0	2510.5	4335.9

TABLE:	125	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	153 M3
POSITION:	48 50.6 N 123 9.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	195 M	TIME OF TOW:	0821 HR	ALIQUOT:	
		DEPTH OF TOW:	160 M	S.H.F.:	10.44

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	47.1	52.3	83.5
THERAGRA CHALCOGRAMMA	9.	52.9	58.8	94.0
TOTAL	17.	100.0	111.1	177.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.8	32.7	52.2
CLUPEA HARENGUS	32.	5.4	209.2	334.1
MERLUCCIUS PRODUCTUS	2.	0.3	13.1	20.9
THERAGRA CHALCOGRAMMA	542.	91.4	3542.5	5658.5
COTTIDAE(FAMILY)	12.	2.0	78.4	125.3
TOTAL	593.	100.0	3875.8	6190.9

TABLE:	126	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	138 M3
POSITION:	48 49.1 N 123 7.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	156 M	TIME OF TOW:	0852 HR	ALIQUOT:	
		DEPTH OF TOW:	122 M	S.H.F.:	8.83

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	42.9	43.5	53.0
THERAGRA CHALCOGRAMMA	8.	57.1	58.0	70.6
TOTAL	14.	100.0	101.4	123.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	1.6	43.5	53.0
CLUPEA HARENGUS	24.	6.5	173.9	211.9
MERLUCCIUS PRODUCTUS	1.	0.3	7.2	8.8
THERAGRA CHALCOGRAMMA	320.	87.2	2318.8	2825.6
SCORPAENIDAE(FAMILY)	16.	4.4	115.9	141.3
TOTAL	367.	100.0	2659.4	3240.6

TABLE:	127	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	132 M3
POSITION:	48 48.3 N 123 4.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	0920 HR	ALIQUOT:	
		DEPTH OF TOW:	104 M	S.H.F.:	7.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	15.0	22.7	23.6
THERAGRA CHALCOGRAMMA	17.	85.0	128.8	133.6
TOTAL	20.	100.0	151.5	157.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.5	30.3	31.4
CLUPEA HARENGUS	28.	3.5	212.1	220.1
LEUROGLOSSUS STILBIUS	2.	0.2	15.2	15.7
MERLUCCIUS PRODUCTUS	3.	0.4	22.7	23.6
THERAGRA CHALCOGRAMMA	742.	92.5	5621.2	5832.1
COTTIDAE(FAMILY)	23.	2.9	174.2	180.8
TOTAL	802.	100.0	6075.8	6303.7

TABLE:	128	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	170 M3
POSITION:	48 48.5 N 123 0.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	0948 HR	ALIQUOT:	
		DEPTH OF TOW:	178 M	S.H.F.:	10.50

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	19.	90.5	111.8	199.5
PLEURONECTIDAE(FAMILY)	2.	9.5	11.8	21.0
TOTAL	21.	100.0	123.5	220.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	0.9	41.2	73.5
CLUPEA HARENGUS	44.	5.6	258.8	462.0
LEUROGLOSSUS STILBIUS	1.	0.1	5.9	10.5
MERLUCCIUS PRODUCTUS	2.	0.3	11.8	21.0
THERAGRA CHALCOGRAMMA	702.	89.9	4129.4	7371.0
SCORPAENIDAE(FAMILY)	22.	2.8	129.4	231.0
PLEURONECTIDAE(FAMILY)	1.	0.1	5.9	10.5
ATHERESTHES STOMIAS	1.	0.1	5.9	10.5
PAROPHRYS VETULUS	1.	0.1	5.9	10.5
TOTAL	781.	100.0	4594.1	8200.5

TABLE:	129	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	129 M3
POSITION:	48 49.6 N 123 3.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	210 M	TIME OF TOW:	1024 HR	ALIQUOT:	
		DEPTH OF TOW:	197 M	S.H.F.:	15.33

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	31.3	38.8	76.7
THERAGRA CHALCOGRAMMA	11.	68.8	85.3	168.6
TOTAL	16.	100.0	124.0	245.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.5	31.0	61.3
CLUPEA HARENGUS	34.	4.4	263.6	521.2
LEUROGLOSSUS STILBIUS	2.	0.3	15.5	30.7
MERLUCCIUS PRODUCTUS	4.	0.5	31.0	61.3
THERAGRA CHALCOGRAMMA	706.	91.8	5472.9	10823.0
SCORPAENIDAE(FAMILY)	19.	2.5	147.3	291.3
TOTAL	769.	100.0	5961.2	11788.8

TABLE:	130	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	259 M3
POSITION:	48 50.4 N 123 6.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1058 HR	ALIQUOT:	
		DEPTH OF TOW:	169 M	S.H.F.:	6.53

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	8.8	11.6	19.6
THERAGRA CHALCOGRAMMA	29.	85.3	112.0	189.4
PLEURONECTIDAE(FAMILY)	2.	5.9	7.7	13.1
TOTAL	34.	100.0	131.3	222.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	25.	1.6	96.5	163.3
CLUPEA HARENGUS	42.	2.7	162.2	274.3
LEUROGLOSSUS STILBIUS	4.	0.3	15.4	26.1
MERLUCCIUS PRODUCTUS	2.	0.1	7.7	13.1
THERAGRA CHALCOGRAMMA	1492.	94.9	5760.6	9742.8
STICHAEIDAE(FAMILY)	2.	0.1	7.7	13.1
SCORPAENIDAE(FAMILY)	2.	0.1	7.7	13.1
COTTIDAE(FAMILY)	1.	0.1	3.9	6.5
AGONIDAE(FAMILY)	1.	0.1	3.9	6.5
CYCLOPTERIDAE(FAMILY)	1.	0.1	3.9	6.5
TOTAL	1572.	100.0	6069.5	10265.2

TABLE:	131	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	125 M3
POSITION:	48 51.3 N 123 5.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 37	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	165 M	TIME OF TOW:	1142 HR	ALIQUOT:	
		DEPTH OF TOW:	154 M	S.H.F.:	12.34

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	6.	20.0	48.0	74.0
THERAGRA CHALCOGRAMMA	24.	80.0	192.0	296.2
TOTAL	30.	100.0	240.0	370.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	8.0	12.3
CLUPEA HARENGUS	26.	2.2	208.0	320.8
MERLUCCIUS PRODUCTUS	1.	0.1	8.0	12.3
THERAGRA CHALCOGRAMMA	1133.	95.8	9064.0	13981.2
SCORPAENIDAE(FAMILY)	22.	1.9	176.0	271.5
TOTAL	1183.	100.0	9464.0	14598.2

TABLE:	132	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	116 M3
POSITION:	48 51.8 N 123 8.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	140 M	TIME OF TOW:	1217 HR	ALIQUOT:	
		DEPTH OF TOW:	119 M	S.H.F.:	10.30

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.6	8.6	10.3
LEUROGLOSSUS STILBIUS	1.	2.6	8.6	10.3
THERAGRA CHALCOGRAMMA	36.	94.7	310.3	370.8
TOTAL	38.	100.0	327.6	391.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.4	34.5	41.2
CLUPEA HARENGUS	9.	0.8	77.6	92.7
LEUROGLOSSUS STILBIUS	3.	0.3	25.9	30.9
MERLUCCIUS PRODUCTUS	4.	0.4	34.5	41.2
THERAGRA CHALCOGRAMMA	1035.	97.6	8922.4	10660.5
SCORPAENIDAE(FAMILY)	5.	0.5	43.1	51.5
TOTAL	1060.	100.0	9137.9	10918.0

TABLE:	133	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	113 M3
POSITION:	48 52.9 N 123 10.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	137 M	TIME OF TOW:	1251 HR	ALIQUOT:	
		DEPTH OF TOW:	111 M	S.H.F.:	9.80

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	46.2	53.1	58.8
THERAGRA CHALCOGRAMMA	7.	53.8	61.9	68.6
TOTAL	13.	100.0	115.0	127.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.4	17.7	19.6
CLUPEA HARENGUS	20.	3.5	177.0	196.0
LEUROGLOSSUS STILBIUS	2.	0.4	17.7	19.6
MERLUCCIUS PRODUCTUS	4.	0.7	35.4	39.2
THERAGRA CHALCOGRAMMA	526.	92.8	4654.9	5154.8
COTTIDAE(FAMILY)	13.	2.3	115.0	127.4
TOTAL	567.	100.0	5017.7	5556.6

TABLE:	134	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	110 M3
POSITION:	48 54.1 N 123 13.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	145 M	TIME OF TOW:	1320 HR	ALIQUOT:	
		DEPTH OF TOW:	119 M	S.H.F.:	10.83

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	11.9	45.5	54.2
MERLUCCIUS PRODUCTUS	19.	45.2	172.7	205.8
THERAGRA CHALCOGRAMMA	18.	42.9	163.6	194.9
TOTAL	42.	100.0	381.8	454.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.3	27.3	32.5
CLUPEA HARENGUS	80.	8.9	727.3	866.4
LEUROGLOSSUS STILBIUS	8.	0.9	72.7	86.6
MERLUCCIUS PRODUCTUS	17.	1.9	154.5	184.1
THERAGRA CHALCOGRAMMA	785.	87.3	7136.4	8501.5
COTTIDAE(FAMILY)	6.	0.7	54.5	65.0
TOTAL	899.	100.0	8172.7	9736.2

TABLE:	135	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	136 M3
POSITION:	48 55.2 N 123 16.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	160 M	TIME OF TOW:	1353 HR	ALIQUOT:	
		DEPTH OF TOW:	124 M	S.H.F.:	9.11

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	29.4	36.8	45.5
LEUROGLOSSUS STILBIUS	1.	5.9	7.4	9.1
THERAGRA CHALCOGRAMMA	11.	64.7	80.9	100.2
TOTAL	17.	100.0	125.0	154.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	2.2	58.8	72.9
CLUPEA HARENGUS	23.	6.3	169.1	209.5
LEUROGLOSSUS STILBIUS	1.	0.3	7.4	9.1
MERLUCCIUS PRODUCTUS	4.	1.1	29.4	36.4
THERAGRA CHALCOGRAMMA	321.	87.9	2360.3	2924.3
COTTIDAE(FAMILY)	8.	2.2	58.8	72.9
TOTAL	365.	100.0	2683.8	3325.1

TABLE:	136	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	147 M3
POSITION:	48 56.8 N 123 14.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	140 M	TIME OF TOW:	1433 HR	ALIQUOT:	
		DEPTH OF TOW:	107 M	S.H.F.:	7.29

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	3.8	13.6	14.6
MERLUCCIUS PRODUCTUS	6.	11.5	40.8	43.7
THERAGRA CHALCOGRAMMA	44.	84.6	299.3	320.8
TOTAL	52.	100.0	353.7	379.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.5	27.2	29.2
CLUPEA HARENGUS	99.	12.8	673.5	721.7
LEUROGLOSSUS STILBIUS	7.	0.9	47.6	51.0
MERLUCCIUS PRODUCTUS	8.	1.0	54.4	58.3
THERAGRA CHALCOGRAMMA	646.	83.4	4394.6	4709.3
SCORPAENIDAE(FAMILY)	10.	1.3	68.0	72.9
PLEURONECTIDAE(FAMILY)	1.	0.1	6.8	7.3
TOTAL	775.	100.0	5272.1	5649.8

TABLE:	137	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	122 M3
POSITION:	48 55.7 N 123 11.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	125 M	TIME OF TOW:	1502 HR	ALIQUOT:	
		DEPTH OF TOW:	97 M	S.H.F.:	7.98

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	16.7	32.8	31.9
MERLUCCIUS PRODUCTUS	1.	4.2	8.2	8.0
THERAGRA CHALCOGRAMMA	19.	79.2	155.7	151.6
TOTAL	24.	100.0	196.7	191.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	45.	7.7	368.9	359.1
MERLUCCIUS PRODUCTUS	3.	0.5	24.6	23.9
THERAGRA CHALCOGRAMMA	529.	91.0	4336.1	4221.4
SCORPAENIDAE(FAMILY)	2.	0.3	16.4	16.0
PLEURONECTIDAE(FAMILY)	2.	0.3	16.4	16.0
TOTAL	581.	100.0	4762.3	4636.4

TABLE:	138	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	127 M3
POSITION:	48 54.6 N 123 9.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	36 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	124 M	TIME OF TOW:	1524 HR	ALIQUOT:	
		DEPTH OF TOW:	97 M	S.H.F.:	7.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	14.3	15.7	15.3
THERAGRA CHALCOGRAMMA	12.	85.7	94.5	91.7
TOTAL	14.	100.0	110.2	107.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.5	15.7	15.3
CLUPEA HARENGUS	27.	7.1	212.6	206.3
LEUROGLOSSUS STILBIUS	4.	1.1	31.5	30.6
MERLUCCIUS PRODUCTUS	4.	1.1	31.5	30.6
THERAGRA CHALCOGRAMMA	340.	89.5	2677.2	2597.6
COTTIDAE(FAMILY)	3.	0.8	23.6	22.9
TOTAL	380.	100.0	2992.1	2903.2

TABLE:	139	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	122 M3
POSITION:	48 53.5 N 123 6.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	122 M	TIME OF TOW:	1547 HR	ALIQUOT:	
		DEPTH OF TOW:	96 M	S.H.F.:	7.87

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	10.5	49.2	47.2
THERAGRA CHALCOGRAMMA	51.	89.5	418.0	401.4
TOTAL	57.	100.0	467.2	448.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.4	16.4	15.7
CLUPEA HARENGUS	37.	7.9	303.3	291.2
MERLUCCIUS PRODUCTUS	2.	0.4	16.4	15.7
THERAGRA CHALCOGRAMMA	422.	90.2	3459.0	3321.1
COTTIDAE(FAMILY)	5.	1.1	41.0	39.3
TOTAL	468.	100.0	3836.1	3683.2

TABLE:	140	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	148 M3
POSITION:	48 52.4 N 123 4.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	146 M	TIME OF TOW:	1611 HR	ALIQUOT:	
		DEPTH OF TOW:	116 M	S.H.F.:	7.82

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	11.	13.8	74.3	86.0
THERAGRA CHALCOGRAMMA	69.	86.3	466.2	539.6
TOTAL	80.	100.0	540.5	625.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.1	13.5	15.6
CLUPEA HARENGUS	50.	3.0	337.8	391.0
LEUROGLOSSUS STILBIUS	11.	0.7	74.3	86.0
MERLUCCIUS PRODUCTUS	12.	0.7	81.1	93.8
THERAGRA CHALCOGRAMMA	1562.	94.7	10554.1	12214.8
COTTIDAE(FAMILY)	13.	0.8	87.8	101.7
TOTAL	1650.	100.0	11148.6	12903.0

TABLE:	141	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	178 M3
POSITION:	48 51.3 N 123 1.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1642 HR	ALIQUOT:	
		DEPTH OF TOW:	161 M	S.H.F.:	9.03

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	5.9	5.6	9.0
THERAGRA CHALCOGRAMMA	13.	76.5	73.0	117.4
PLEURONECTIDAE(FAMILY)	3.	17.6	16.9	27.1
TOTAL	17.	100.0	95.5	153.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	11.2	18.1
CLUPEA HARENGUS	24.	2.6	134.8	216.7
LEUROGLOSSUS STILBIUS	4.	0.4	22.5	36.1
THERAGRA CHALCOGRAMMA	863.	93.5	4848.3	7792.9
STICHAEIDAE(FAMILY)	2.	0.2	11.2	18.1
SCORPAENIDAE(FAMILY)	26.	2.8	146.1	234.8
CYCLOPTERIDAE(FAMILY)	2.	0.2	11.2	18.1
TOTAL	923.	100.0	5185.4	8334.7

TABLE:	142	WIND DIRECTION:	225 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	21	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	196 M3
POSITION:	48 50.1 N 122 59.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1711 HR	ALIQUOT:	
		DEPTH OF TOW:	174 M	S.H.F.:	8.87

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	20.8	25.5	44.3
THERAGRA CHALCOGRAMMA	17.	70.8	86.7	150.8
PLEURONECTIDAE(FAMILY)	2.	8.3	10.2	17.7
TOTAL	24.	100.0	122.4	212.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	17.	2.3	86.7	150.8
LEUROGLOSSUS STILBIUS	4.	0.5	20.4	35.5
MERLUCCIUS PRODUCTUS	2.	0.3	10.2	17.7
THERAGRA CHALCOGRAMMA	677.	92.6	3454.1	6005.0
SCORPAENIDAE(FAMILY)	31.	4.2	158.2	275.0
TOTAL	731.	100.0	3729.6	6484.0

TABLE:	143	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	22	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	18/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	217 M3
POSITION:	48 49.0 N 122 56.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1740 HR	ALIQUOT:	
		DEPTH OF TOW:	170 M	S.H.F.:	7.83

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	15.4	9.2	15.7
THERAGRA CHALCOGRAMMA	11.	84.6	50.7	86.1
TOTAL	13.	100.0	59.9	101.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	52.	9.1	239.6	407.2
LEUROGLOSSUS STILBIUS	1.	0.2	4.6	7.8
MERLUCCIUS PRODUCTUS	1.	0.2	4.6	7.8
THERAGRA CHALCOGRAMMA	501.	88.0	2308.8	3922.8
STICHAEIDAE(FAMILY)	1.	0.2	4.6	7.8
SCORPAENIDAE(FAMILY)	12.	2.1	55.3	94.0
CYCLOPTERIDAE(FAMILY)	1.	0.2	4.6	7.8
TOTAL	569.	100.0	2622.1	4455.3

TABLE:	144	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	146 M3
POSITION:	48 46.3 N 123 1.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	27 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	200 M	TIME OF TOW:	0712 HR	ALIQUOT:	
		DEPTH OF TOW:	175 M	S.H.F.:	11.98

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	30.8	27.4	47.9
THERAGRA CHALCOGRAMMA	9.	69.2	61.6	107.8
TOTAL	13.	100.0	89.0	155.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	2.7	54.8	95.8
CLUPEA HARENGUS	9.	3.0	61.6	107.8
THERAGRA CHALCOGRAMMA	259.	86.0	1774.0	3102.8
SCORPAENIDAE(FAMILY)	25.	8.3	171.2	299.5
TOTAL	301.	100.0	2061.6	3606.0

TABLE:	145	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	122 M3
POSITION:	48 45.1 N 122 58.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	25 . 40	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	0720 HR	ALIQUOT:	
		DEPTH OF TOW:	109 M	S.H.F.:	8.96

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	50.0	24.6	26.9
MERLUCCIUS PRODUCTUS	1.	16.7	8.2	9.0
THERAGRA CHALCOGRAMMA	2.	33.3	16.4	17.9
TOTAL	6.	100.0	49.2	53.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.5	24.6	26.9
CLUPEA HARENGUS	31.	4.7	254.1	277.8
LEUROGLOSSUS STILBIUS	1.	0.2	8.2	9.0
MERLUCCIUS PRODUCTUS	2	0.3	16.4	17.9
THERAGRA CHALCOGRAMMA	603.	91.2	4942.6	5402.9
SCORPAENIDAE(FAMILY)	19.	2.9	155.7	170.2
CYCLOPTERIDAE(FAMILY)	1.	0.2	8.2	9.0
PLEURONECTIDAE(FAMILY)	1.	0.2	8.2	9.0
TOTAL	661.	100.0	5418.0	5922.6

TABLE:	146	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	25	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	173 M3
POSITION:	48 47.4 N 122 58.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	247 M	TIME OF TOW:	0813 HR	ALIQUOT:	
		DEPTH OF TOW:	232 M	S.H.F.:	13.41

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THERAGRA CHALCOGRAMMA	7.	70.0	40.5	93.9
PLEURONECTIDAE(FAMILY)	3.	30.0	17.3	40.2
TOTAL	10.	100.0	57.8	134.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	14.	1.9	80.9	187.7
CLUPEA HARENGUS	45.	6.3	260.1	603.5
LEUROGLOSSUS STILBIUS	1.	0.1	5.8	13.4
THERAGRA CHALCOGRAMMA	617.	85.9	3566.5	8274.0
SCORPAENIDAE(FAMILY)	40.	5.6	231.2	536.4
PLEURONECTIDAE(FAMILY)	1.	0.1	5.8	13.4
TOTAL	718.	100.0	4150.3	9628.4

TABLE:	147	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	146 M3
POSITION:	48 50.7 N 122 54.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	183 M	TIME OF TOW:	0900 HR	ALIQUOT:	
		DEPTH OF TOW:	161 M	S.H.F.:	11.05

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	25.0	13.7	22.1
THERAGRA CHALCOGRAMMA	6.	75.0	41.1	66.3
TOTAL	8.	100.0	54.8	88.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.6	13.7	22.1
CLUPEA HARENGUS	11.	3.2	75.3	121.6
THERAGRA CHALCOGRAMMA	324.	93.4	2219.2	3580.2
SCORPAENIDAE(FAMILY)	8.	2.3	54.8	88.4
COTTIDAE(FAMILY)	1.	0.3	6.8	11.1
PLEURONECTIDAE(FAMILY)	1.	0.3	6.8	11.1
TOTAL	347.	100.0	2376.7	3834.3

TABLE:	148	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	96 M3
POSITION:	48 52.3 N 122 53.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	26 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	68 M	TIME OF TOW:	0932 HR	ALIQUOT:	
		DEPTH OF TOW:	57 M	S.H.F.:	5.97

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	83.3	52.1	29.8
THERAGRA CHALCOGRAMMA	1.	16.7	10.4	6.0
TOTAL	6.	100.0	62.5	35.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	25.	1.4	260.4	149.3
CLUPEA HARENGUS	26.	1.4	270.8	155.2
LEUROGLOSSUS STILBIUS	2.	0.1	20.8	11.9
THERAGRA CHALCOGRAMMA	1701.	94.3	17718.8	10155.0
SCORPAENIDAE(FAMILY)	50.	2.8	520.8	298.5
TOTAL	1804.	100.0	18791.7	10769.9

TABLE:	149	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	28	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	100 M3
POSITION:	48 53.4 N 122 55.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	96 M	TIME OF TOW:	0958 HR	ALIQUOT:	
		DEPTH OF TOW:	81 M	S.H.F.:	8.07

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	60.0	60.0	48.4
THERAGRA CHALCOGRAMMA	4.	40.0	40.0	32.3
TOTAL	10.	100.0	100.0	80.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	1.8	90.0	72.6
CLUPEA HARENGUS	22.	4.3	220.0	177.5
LEUROGLOSSUS STILBIUS	3.	0.6	30.0	24.2
MERLUCCIUS PRODUCTUS	2.	0.4	20.0	16.1
THERAGRA CHALCOGRAMMA	449.	88.2	4490.0	3623.4
SCORPAENIDAE(FAMILY)	17.	3.3	170.0	137.2
COTTIDAE(FAMILY)	5.	1.0	50.0	40.3
CYCLOPTERIDAE(FAMILY)	2.	0.4	20.0	16.1
TOTAL	509.	100.0	5090.0	4107.6

TABLE:	150	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	''IND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	29	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	203 M3
POSITION:	48 51.8 N 122 57.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	28 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	1028 HR	ALIQUOT:	
		DEPTH OF TOW:	169 M	S.H.F.:	8.33

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	13.	48.1	64.0	108.3
THERAGRA CHALCOGRAMMA	14.	51.9	69.0	116.6
TOTAL	27.	100.0	133.0	224.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	28.	1.8	137.9	233.2
CLUPEA HARENGUS	104.	6.8	512.3	866.3
LEUROGLOSSUS STILBIUS	2.	0.1	9.9	16.7
THERAGRA CHALCOGRAMMA	1351.	88.1	6655.2	11253.8
SCORPAENIDAE(FAMILY)	49.	3.2	241.4	408.2
TOTAL	1534.	100.0	7556.7	12778.2

TABLE:	151	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	30	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	189 M3
POSITION:	48 52.9 N 122 59.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	201 M	TIME OF TOW:	1106 HR	ALIQUOT:	
		DEPTH OF TOW:	181 M	S.H.F.:	9.60

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	14.3	5.3	9.6
THERAGRA CHALCOGRAMMA	6.	85.7	31.7	57.6
TOTAL	7.	100.0	37.0	67.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	2.3	47.6	86.4
CLUPEA HARENGUS	12.	3.1	63.5	115.2
LEUROGLOSSUS STILBIUS	2.	0.5	10.6	19.2
MERLUCCIUS PRODUCTUS	3.	0.8	15.9	28.8
THERAGRA CHALCOGRAMMA	331.	85.3	1751.3	3177.6
SCORPAENIDAE(FAMILY)	31.	8.0	164.0	297.6
TOTAL	388.	100.0	2052.9	3724.8

TABLE:	152	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	135 M3
POSITION:	48 54.6 N 122 58.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	30 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	128 M	TIME OF TOW:	1137 HR	ALIQUOT:	
		DEPTH OF TOW:	101 M	S.H.F.:	7.48

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	15.	75.0	111.1	112.2
THERAGRA CHALCOGRAMMA	5.	25.0	37.0	37.4
TOTAL	20	100.0	148.1	149.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	35.	9.3	259.3	261.8
CLUPEA HARENGUS	31.	8.2	229.6	231.9
THERAGRA CHALCOGRAMMA	298.	78.8	2207.4	2229.0
COTTIDAE(FAMILY)	14.	3.7	103.7	104.7
TOTAL	378.	100.0	2800.0	2827.4

TABLE:	153	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	189 M3
POSITION:	48 55.7 N 123 0.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	170 M	TIME OF TOW:	1207 HR	ALIQUOT:	
		DEPTH OF TOW:	137 M	S.H.F.:	7.27

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	27.	93.1	142.9	196.3
THERAGRA CHALCOGRAMMA	2.	6.9	10.6	14.5
TOTAL	29.	100.0	153.4	210.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	9.	5.6	47.6	65.4
THERAGRA CHALCOGRAMMA	139.	85.8	735.4	1010.5
STICHAEIDAE(FAMILY)	5.	3.1	26.5	36.3
PHOLIDAE(FAMILY)	2.	1.2	10.6	14.5
COTTIDAE(FAMILY)	4.	2.5	21.2	29.1
PLEURONECTIDAE(FAMILY)	3.	1.9	15.9	21.8
TOTAL	162.	100.0	857.1	1177.7

TABLE:	154	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	146 M3
POSITION:	48 54.0 N 123 2.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	32 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	140 M	TIME OF TOW:	1240 HR	ALIQUOT:	
		DEPTH OF TOW:	123 M	S.H.F.:	8.37

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	75.0	41.1	50.2
MERLUCCIUS PRODUCTUS	1.	12.5	6.8	8.4
THERAGRA CHALCOGRAMMA	1.	12.5	6.8	8.4
TOTAL	8.	100.0	54.8	67.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	21.6	54.8	67.0
SCORPAENIDAE(FAMILY)	1.	2.7	6.8	8.4
COTTIDAE(FAMILY)	26.	70.3	178.1	217.6
PLEURONECTIDAE(FAMILY)	2.	5.4	13.7	16.7
TOTAL	37.	100.0	253.4	309.7

TABLE:	155	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	34	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	120 M3
POSITION:	48 55.1 N 123 5.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	121 M	TIME OF TOW:	1308 HR	ALIQUOT:	
		DEPTH OF TOW:	110 M	S.H.F.:	9.11

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	33.3	33.3	36.4
THERAGRA CHALCOGRAMMA	8.	66.7	66.7	72.9
TOTAL	12.	100.0	100.0	109.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	1.4	41.7	45.5
CLUPEA HARENGUS	53.	15.3	441.7	482.8
MERLUCCIUS PRODUCTUS	1.	0.3	8.3	9.1
THERAGRA CHALCOGRAMMA	283.	81.6	2358.3	2578.1
SCORPAENIDAE(FAMILY)	5.	1.4	41.7	45.5
TOTAL	347.	100.0	2891.7	3161.2

TABLE: 156
CRUISE: SG 79- 8
SAMPLE NO.: 35
DATE: 19/ 4/79
VESSEL: CALIGUS
POSITION: 48 56.3 N 123 7.5 W
GRID POSITION: 36 . 34
BOTTOM DEPTH: 114 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1341 HR
DEPTH OF TOW: 101 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 147 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 6.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	26.7	27.2	27.4
MERLUCCIUS PRODUCTUS	2.	13.3	13.6	13.7
THERAGRA CHALCOGRAMMA	9.	60.0	61.2	61.7
TOTAL	15.	100.0	102.0	102.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	86.	6.4	585.0	590.0
LEUROGLOSSUS STILBIUS	3.	0.2	20.4	20.6
MERLUCCIUS PRODUCTUS	1.	0.1	6.8	6.9
THERAGRA CHALCOGRAMMA	1242.	92.7	8449.0	8520.1
SCORPAENIDAE(FAMILY)	8.	0.6	54.4	54.9
TOTAL	1340.	100.0	9115.6	9192.4

TABLE:	157	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	36	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	136 M3
POSITION:	48 57.4 N 123 10.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	38 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	115 M	TIME OF TOW:	1411 HR	ALIQUOT:	
		DEPTH OF TOW:	106 M	S.H.F.:	7.81

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	2.	50.0	14.7	15.6
THERAGRA CHALCOGRAMMA	2.	50.0	14.7	15.6
TOTAL	4.	100.0	29.4	31.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.5	14.7	15.6
CLUPEA HARENGUS	25.	6.7	183.8	195.3
LEUROGLOSSUS STILBIUS	6.	1.6	44.1	46.9
MERLUCCIUS PRODUCTUS	1.	0.3	7.4	7.8
THERAGRA CHALCOGRAMMA	336.	89.6	2470.6	2624.2
SCORPAENIDAE(FAMILY)	5.	1.3	36.8	39.0
TOTAL	375.	100.0	2757.4	2928.8

TABLE:	158	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	37	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	148 M3
POSITION:	48 58.5 N 123 12.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	1438 HR	ALIQUOT:	
		DEPTH OF TOW:	113 M	S.H.F.:	7.61

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	15.4	13.5	15.2
THERAGRA CHALCOGRAMMA	11.	84.6	74.3	83.7
TOTAL	13.	100.0	87.8	98.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	0.9	47.3	53.3
CLUPEA HARENGUS	21.	2.6	141.9	159.8
LEUROGLOSSUS STILBIUS	11.	1.3	74.3	83.7
MERLUCCIUS PRODUCTUS	8.	1.0	54.1	60.9
THERAGRA CHALCOGRAMMA	759.	92.8	5128.4	5776.0
SCORPAENIDAE(FAMILY)	12.	1.5	81.1	91.3
TOTAL	818.	100.0	5527.0	6225.0

TABLE:	159	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	38	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	234 M3
POSITION:	48 54.4 N 123 16.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	40 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	192 M	TIME OF TOW:	1532 HR	ALIQUOT:	
		DEPTH OF TOW:	166 M	S.H.F.:	7.12

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	2.9	12.8	21.4
LEUROGLOSSUS STILBIUS	1.	1.0	4.3	7.1
MERLUCCIUS PRODUCTUS	4.	3.8	17.1	28.5
THERAGRA CHALCOGRAMMA	97.	92.4	414.5	690.6
TOTAL	105.	100.0	448.7	747.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.8	25.6	42.7
CLUPEA HARENGUS	31.	4.3	132.5	220.7
LEUROGLOSSUS STILBIUS	4.	0.6	17.1	28.5
MERLUCCIUS PRODUCTUS	40.	5.5	170.9	284.8
THERAGRA CHALCOGRAMMA	634.	87.6	2709.4	4514.1
SCORPAENIDAE(FAMILY)	9.	1.2	38.5	64.1
TOTAL	724.	100.0	3094.0	5154.9

TABLE:	160	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	39	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	252 M3
POSITION:	48 56.0 N 123 20.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	43 . 39	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	195 M	TIME OF TOW:	1614 HR	ALIQUOT:	
		DEPTH OF TOW:	166 M	S.H.F.:	6.59

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	5.1	39.7	65.9
LEUROGLOSSUS STILBIUS	4.	2.0	15.9	26.4
MERLUCCIUS PRODUCTUS	27.	13.6	107.1	177.9
THERAGRA CHALCOGRAMMA	157.	79.3	623.0	1034.6
TOTAL	198.	100.0	785.7	1304.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.3	19.8	33.0
CLUPEA HARENGUS	42.	2.5	166.7	276.8
LEUROGLOSSUS STILBIUS	6.	0.4	23.8	39.5
MERLUCCIUS PRODUCTUS	76.	4.5	301.6	500.8
THERAGRA CHALCOGRAMMA	1530.	91.3	6071.4	10082.7
SCORPAENIDAE(FAMILY)	5.	0.3	19.8	33.0
COTTIDAE(FAMILY)	12.	0.7	47.6	79.1
TOTAL	1676.	100.0	6650.8	11044.8

TABLE:	161	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	40	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	319 M3
POSITION:	48 59.1 N 123 24.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	47 . 38	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	256 M	TIME OF TOW:	1659 HR	ALIQUOT:	
		DEPTH OF TOW:	192 M	S.H.F.:	6.01

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	20.	3.4	62.7	120.2
LEUROGLOSSUS STILBIUS	16.	2.7	50.2	96.2
MERLUCCIUS PRODUCTUS	207.	35.1	648.9	1244.1
THERAGRA CHALCOGRAMMA	346.	58.7	1084.6	2079.5
TOTAL	589.	100.0	1846.4	3539.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	12.	0.6	37.6	72.1
CLUPEA HARENGUS	18.	0.9	56.4	108.2
LEUROGLOSSUS STILBIUS	25.	1.3	78.4	150.3
MERLUCCIUS PRODUCTUS	220.	11.0	689.7	1322.2
THERAGRA CHALCOGRAMMA	1698.	84.9	5322.9	10205.0
SCORPAENIDAE(FAMILY)	26.	1.3	81.5	156.3
TOTAL	1999.	100.0	6266.5	12014.0

TABLE:	162	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	41	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	19/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	276 M3
POSITION:	49 3.3 N 123 26.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	50 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	311 M	TIME OF TOW:	1.50 HR	ALIQUOT:	
		DEPTH OF TOW:	283 M	S.H.F.:	10.27

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.2	7.2	20.5
LEUROGLOSSUS STILBIUS	22.	2.2	79.7	225.9
MERLUCCIUS PRODUCTUS	391.	38.6	1416.7	4015.6
THERAGRA CHALCOGRAMMA	599.	59.1	2170.3	6151.7
TOTAL	1014.	100.0	3673.9	10413.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	34.	3.1	123.2	349.2
LEUROGLOSSUS STILBIUS	21.	1.9	76.1	215.7
MERLUCCIUS PRODUCTUS	217.	19.5	786.2	2228.6
THERAGRA CHALCOGRAMMA	826.	74.1	2992.8	8483.0
COTTIDAE(FAMILY)	16.	1.4	58.0	164.3
TOTAL	1114.	100.0	4036.2	11440.8

TABLE:	163	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	42	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	20/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	180 M3
POSITION:	49 6.3 N 123 19.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	48 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	146 M	TIME OF TOW:	0632 HR	ALIQUOT:	
		DEPTH OF TOW:	121 M	S.H.F.:	6.74

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	35.7	55.6	67.4
MERLUCCIUS PRODUCTUS	2.	7.1	11.1	13.5
THERAGRA CHALCOGRAMMA	16.	57.1	88.9	107.8
TOTAL	28.	100.0	155.6	188.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1	0.2	5.6	6.7
CLUPEA HARENGUS	22.	3.6	122.2	148.3
LEUROGLOSSUS STILBIUS	14.	2.3	77.8	94.4
MERLUCCIUS PRODUCTUS	15.	2.5	83.3	101.1
THERAGRA CHALCOGRAMMA	549.	89.9	3050.0	3700.3
COTTIDAE(FAMILY)	10.	1.6	55.6	67.4
TOTAL	611.	100.0	3394.4	4118.1

TABLE:	164	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	43	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	20/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	349 M3
POSITION:	49 7.4 N 123 27.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	53 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	0728 HR	ALIQUOT:	
		DEPTH OF TOW:	245 M	S.H.F.:	7.02

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.3	11.5	28.1
LEUROGLOSSUS STILBIUS	34.	2.8	97.4	238.7
MERLUCCIUS PRODUCTUS	372.	30.7	1065.9	2611.4
THERAGRA CHALCOGRAMMA	800.	66.1	2292.3	5616.0
TOTAL	1210.	100.0	3467.0	8494.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	0.3	17.2	42.1
CLUPEA HARENGUS	46.	2.5	131.8	322.9
LEUROGLOSSUS STILBIUS	10.	0.5	28.7	70.2
MERLUCCIUS PRODUCTUS	326.	17.6	934.1	2288.5
THERAGRA CHALCOGRAMMA	1432.	77.4	4103.2	10052.6
SCORPAENIDAE(FAMILY)	30.	1.6	86.0	210.6
TOTAL	1850.	100.0	5300.9	12987.0

TABLE:	165	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	44	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO 25 M2
DATE:	20/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	312 M3
POSITION:	49 11.8 N 123 26.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	55 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	308 M	TIME OF TOW:	0819 HR	ALIQUOT:	
		DEPTH OF TOW:	278 M	S.H.F.:	8.93

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES				
LEUROGLOSSUS STILBIUS	1.	0.1	3.2	8.9
MERLUCCIUS PRODUCTUS	21.	1.3	67.3	187.5
THERAGRA CHALCOGRAMMA	1137.	71.0	3644.2	10153.4
	443.	27.7	1419.9	3956.0
TOTAL	1602.	100.0	5134.6	14305.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	0.8	25.6	71.4
CLUPEA HARENGUS	24.	2.4	76.9	214.3
LEUROGLOSSUS STILBIUS	30.	3.0	96.2	267.9
MERLUCCIUS PRODUCTUS	162.	16.1	519.2	1446.7
THERAGRA CHALCOGRAMMA	781.	77.7	2503.2	6974.3
TOTAL	1005.	100.0	3221.2	8974.7

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.2	8.9
TOTAL	1.	100.0	3.2	8.9

TABLE:	166	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	45	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	290 M3
POSITION:	49 15.2 N 123 28.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	0903 HR	ALIQUOT:	
		DEPTH OF TOW:	299 M	S.H.F.:	10.31

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	7.	0.5	24.1	72.2
LEUROGLOSSUS STILBIUS	23.	1.6	79.3	237.1
MERLUCCIUS PRODUCTUS	1024.	72.0	3531.0	10557.4
THERAGRA CHALCOGRAMMA	368.	25.9	1269.0	3794.1
TOTAL	1422.	100.0	4903.4	14660.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	0.7	31.0	92.8
CLUPEA HARENGUS	39.	3.2	134.5	402.1
LEUROGLOSSUS STILBIUS	21.	1.7	72.4	216.5
MERLUCCIUS PRODUCTUS	506.	41.6	1744.8	5216.9
THERAGRA CHALCOGRAMMA	636.	52.3	2193.1	6557.2
COTTIDAE(FAMILY)	4.	0.3	13.8	41.2
TOTAL	1215.	100.0	4189.7	12526.7

TABLE:	167	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 8	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	46	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	20/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	296 M3
POSITION:	49 15.7 N 123 35.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	311 M	TIME OF TOW:	1000 HR	ALIQUOT:	
		DEPTH OF TOW:	285 M	S.H.F.:	9.65

EGGS	TOTAL NUMBER	TAXA PCT	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	0.3	13.5	38.6
LEUROGLOSSUS STILBIUS	16.	1.1	54.1	154.4
MERLUCCIUS PRODUCTUS	1152.	78.6	3891.9	11116.8
THERAGRA CHALCOGRAMMA	294.	20.1	993.2	2837.1
TOTAL	1466.	100.0	4952.7	14146.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	0.7	16.9	48.3
CLUPEA HARENGUS	28.	4.2	94.6	270.2
LEUROGLOSSUS STILBIUS	28.	4.2	94.6	270.2
MERLUCCIUS PRODUCTUS	223.	33.3	753.4	2151.9
THERAGRA CHALCOGRAMMA	385.	57.5	1300.7	3715.2
TOTAL	669.	100.0	2260.1	6455.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.4	9.6
TOTAL	1.	100.0	3.4	9.6

TABLE: 168
CRUISE: SG 79- 8
SAMPLE NO.: 47
DATE: 20/ 4/79
VESSEL: CALIGUS
POSITION: 49 18.0 N 123 40.3 W
GRID POSITION: 66 . 28
BOTTOM DEPTH: 348 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT: 0 M
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1046 HR
DEPTH OF TOW: 325 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 281 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 11.58

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	10.	1.5	35.6	115.8
LEUROGLOSSUS STILBIUS	14.	2.1	49.8	162.1
MERLUCCIUS PRODUCTUS	440.	66.7	1565.8	5095.2
THERAGRA CHALCOGRAMMA	196.	29.7	697.5	2269.7
TOTAL	660.	100.0	2348.8	7642.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	9.	0.9	32.0	104.2
CLUPEA HARENGUS	12.	1.2	42.7	139.0
LEUROGLOSSUS STILBIUS	14.	1.4	49.8	162.1
MERLUCCIUS PRODUCTUS	384.	38.6	1366.5	4446.7
THERAGRA CHALCOGRAMMA	577.	57.9	2053.4	6681.7
TOTAL	996.	100.0	3544.5	11533.7

TABLE:	169	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	27/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	247 M3
POSITION:	49 12.4 N 123 38.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	0925 HR	ALIQUOT:	
		DEPTH OF TOW:	338 M	S.H.F.:	13.67

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.5	12.1	41.0
LEUROGLOSSUS STILBIUS	5	0.9	20.2	68.3
MERLUCCIUS PRODUCTUS	494.	90.5	2000.0	6753.0
THERAGRA CHALCOGRAMMA	44	8.1	178.1	601.5
TOTAL	546.	100.0	2210.5	7463.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	5.	1.0	20.2	68.3
CLUPEA HARENGUS	9	1.9	36.4	123.0
LEUROGLOSSUS STILBIUS	15.	3.1	60.7	205.1
MERLUCCIUS PRODUCTUS	352.	73.0	1425.1	4811.8
THERAGRA CHALCOGRAMMA	90.	18.7	364.4	1230.3
SCORPAENIDAE(FAMILY)	11.	2.3	44.5	150.4
TOTAL	482.	100.0	1951.4	6588.9

TABLE: 170
CRUISE: SG 79- 9
SAMPLE NO.: 2
DATE: 27/ 4/79
VESSEL: CALIGUS
POSITION: 49 18.0 N 123 40.3 W
GRID POSITION: 66 . 28
BOTTOM DEPTH: 315 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT: 0 M
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1050 HR
DEPTH OF TOW: 276 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 284 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 9.70

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.6	7.0	19.4
MERLUCCIUS PRODUCTUS	335.	93.6	1179.6	3249.5
THERAGRA CHALCOGRAMMA	21.	5.9	73.9	203.7
TOTAL	358.	100.0	1260.6	3472.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	18.	4.0	63.4	174.6
CLUPEA HARENGUS	45.	10.0	158.5	436.5
LEUROGLOSSUS STILBIUS	16.	3.5	56.3	155.2
MERLUCCIUS PRODUCTUS	194.	42.9	683.1	1881.8
THERAGRA CHALCOGRAMMA	176.	38.9	619.7	1707.2
SCORPAENIDAE(FAMILY)	3.	0.7	10.6	29.1
TOTAL	452.	100.0	1591.5	4384.4

TABLE:	171	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79- 9	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	128 M3
POSITION:	49 15.0 N 123 52.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	71 . 35	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	0920 HR	ALIQUOT:	
		DEPTH OF TOW:	187 M	S.H.F.:	14.58

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	7.8	14.6
MERLUCCIUS PRODUCTUS	884.	99.5	6906.3	12888.7
THERAGRA CHALCOGRAMMA	3	0.3	23.4	43.7
TOTAL	888.	100.0	6937.5	12947.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	7.8	14.6
CLUPEA HARENGUS	24.	4.6	187.5	349.9
LEUROGLOSSUS STILBIUS	21.	4.0	164.1	306.2
MERLUCCIUS PRODUCTUS	391.	74.2	3054.7	5700.8
THERAGRA CHALCOGRAMMA	83.	15.7	648.4	1210.1
SCORPAENIDAE(FAMILY)	7.	1.3	54.7	102.1
TOTAL	527.	100.0	4117.2	7683.7

TABLE:	172	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79- 9	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	30/ 4/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	229 M3
POSITION:	49 15.5 N 123 48.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	69 . 33	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	348 M	TIME OF TOW:	1040 HR	ALIQUOT:	
		DEPTH OF TOW:	329 M	S.H.F.:	14.39

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.1	4.4	14.4
LEUROGLOSSUS STILBIUS	16.	1.5	69.9	230.2
MERLUCCIUS PRODUCTUS	1044.	97.2	4559.0	15023.2
THERAGRA CHALCOGRAMMA	13.	1.2	56.8	187.1
TOTAL	1074.	100.0	4690.0	15454.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.7	8.7	28.8
CLUPEA HARENGUS	5.	1.7	21.8	72.0
LEUROGLOSSUS STILBIUS	15.	5.2	65.5	215.9
MERLUCCIUS PRODUCTUS	225.	77.3	982.5	3237.8
THERAGRA CHALCOGRAMMA	42.	14.4	183.4	604.4
SCORPAENIDAE(FAMILY)	2.	0.7	8.7	28.8
TOTAL	291.	100.0	1270.7	4187.5

TABLE:	173	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:	3 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	343 M3
POSITION:	49 18.0 N 123 51.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	403 M	TIME OF TOW:	0900 HR	ALIQUOT:	
		DEPTH OF TOW:	353 M	S.H.F.:	10.29

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	215.	93.9	626.8	2212.4
THERAGRA CHALCOGRAMMA	14.	6.1	40.8	144.1
TOTAL	229.	100.0	667.6	2356.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.7	5.8	20.6
LEUROGLOSSUS STILBIUS	21.	7.0	61.2	216.1
MERLUCCIUS PRODUCTUS	239.	79.7	696.8	2459.3
THERAGRA CHALCOGRAMMA	29.	9.7	84.5	298.4
SCORPAENIDAE(FAMILY)	9	3.0	26.2	92.6
TOTAL	300.	100.0	874.6	3087.0

TABLE: 174
CRUISE: SG 79-10
SAMPLE NO.: 2
DATE: 8/ 5/79
VESSEL: CALIGUS
POSITION: 49 16.9 N 123 48.8 W
GRID POSITION: 70 . 32
BOTTOM DEPTH:

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT: 0 M
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0938 HR
DEPTH OF TOW: 346 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 338 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.24

EGGS	TOTAL NUMBER	TAXA PCT	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	0.5	5.9	20.5
MERLUCCIUS PRODUCTUS	421.	97.2	1245.6	4311.0
THERAGRA CHALCOGRAMMA	9.	2.1	26.6	92.2
PLEURONECTIDAE(FAMILY)	1.	0.2	3.0	10.2
TOTAL	433.	100.0	1281.1	4433.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.3	5.9	20.5
CLUPEA HARENGUS	3.	0.5	8.9	30.7
LEUROGLOSSUS STILBIUS	41.	6.6	121.3	419.8
MERLUCCIUS PRODUCTUS	524.	84.9	1550.3	5365.8
THERAGRA CHALCOGRAMMA	41.	6.6	121.3	419.8
SCORPAENIDAE(FAMILY)	6.	1.0	17.8	61.4
TOTAL	617.	100.0	1825.4	6318.1

TABLE:	175	WIND DIRECTION		TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	349 M3
POSITION:	49 15.8 N 123 46.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	403 M	TIME OF TOW:	1015 HR	ALIQUOT:	
		DEPTH OF TOW:	346 M	S.H.F.:	9.91

EGGS	TOTAL NUMBER	TAXA PCT	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	0.7	8.6	29.7
MERLUCCIUS PRODUCTUS	412.	97.2	1180.5	4082.9
THERAGRA CHALCOGRAMMA	9.	2.1	25.8	89.2
TOTAL	424.	100.0	1214.9	4201.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.6	8.6	29.7
CLUPEA HARENGUS	5.	1.0	14.3	49.5
LEUROGLOSSUS STILBIUS	26.	5.0	74.5	257.7
MERLUCCIUS PRODUCTUS	430.	82.7	1232.1	4261.3
THERAGRA CHALCOGRAMMA	44.	8.5	126.1	436.0
SCORPAENIDAE(FAMILY)	12	2.3	34.4	118.9
TOTAL	520.	100.0	1490.0	5153.2

TABLE:	176	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	318 M3
POSITION:	49 14.7 N 123 43.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1056 HR	ALIQUOT:	
		DEPTH OF TOW:	350 M	S.H.F.:	11.01

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.2	3.1	11.0
MERLUCCIUS PRODUCTUS	486.	98.8	1528.3	5350.9
THERAGRA CHALCOGRAMMA	5.	1.0	15.7	55.1
TOTAL	492.	100.0	1547.2	5416.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.1	11.0
CLUPEA HARENGUS	29.	5.6	91.2	319.3
LEUROGLOSSUS STILBIUS	26.	5.1	81.8	286.3
MERLUCCIUS PRODUCTUS	374.	72.8	1176.1	4117.7
THERAGRA CHALCOGRAMMA	66.	12.8	207.5	726.7
SCORPAENIDAE(FAMILY)	18.	3.5	56.6	198.2
TOTAL	514.	100.0	1616.4	5659.1

TABLE:	177	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	332 M3
POSITION:	49 12.4 N 123 38.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	384 M	TIME OF TOW:	1230 HR	ALIQUOT:	
		DEPTH OF TOW:	368 M	S.H.F.:	11.08

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	213.	95.5	641.6	2360.0
THERAGRA CHALCOGRAMMA	10.	4.5	30.1	110.8
TOTAL	223.	100.0	671.7	2470.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	5.9	12.0	44.3
MERLUCCIUS PRODUCTUS	43.	63.2	129.5	476.4
THERAGRA CHALCOGRAMMA	16.	23.5	48.2	177.3
SCORPAENIDAE(FAMILY)	5.	7.4	15.1	55.4
TOTAL	68.	100.0	204.8	753.4

TABLE:	178	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	257 M3
POSITION:	49 11.3 N 123 36.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	1312 HR	ALIQUOT:	
		DEPTH OF TOW:	312 M	S.H.F.:	12.14

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.3	3.9	12.1
MERLUCCIUS PRODUCTUS	305.	98.1	1186.8	3702.7
THERAGRA CHALCOGRAMMA	5.	1.6	19.5	60.7
TOTAL	311.	100.0	1210.1	3775.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.0	7.8	24.3
LEUROGLOSSUS STILBIUS	15.	7.7	58.4	182.1
MERLUCCIUS PRODUCTUS	149.	76.8	579.8	1808.9
THERAGRA CHALCOGRAMMA	24.	12.4	93.4	291.4
SCORPAENIDAE(FAMILY)	4.	2.1	15.6	48.6
TOTAL	194.	100:0	754.9	2355.2

TABLE: 179
CRUISE: SG 79-10
SAMPLE NO.: 7
DATE: 8/ 5/79
VESSEL: CALIGUS
POSITION: 49 10.2 N 123 33.6 W
GRID POSITION: 58 . 32
BOTTOM DEPTH: 366 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT: 0 M
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1350 HR
DEPTH OF TOW: 331 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 279 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 11.86

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	326.	87.4	1168.5	3866.4
THERAGRA CHALCOGRAMMA	47.	12.6	168.5	557.4
TOTAL	373.	100.0	1336.9	4423.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	6.3	28.7	94.9
MERLUCCIUS PRODUCTUS	95.	75.4	340.5	1126.7
THERAGRA CHALCOGRAMMA	17.	13.5	60.9	201.6
SCORPAENIDAE(FAMILY)	6.	4.8	21.5	71.2
TOTAL	126.	100.0	451.6	1494.4

TABLE:	180	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	267 M3
POSITION:	49 10.7 N 123 29.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	339 M	TIME OF TOW:	1503 HR	ALIQUOT:	
		DEPTH OF TOW:	303 M	S.H.F.:	11.35

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	947.	89.7	3546.8	10748.5
THERAGRA CHALCOGRAMMA	109.	10.3	408.2	1237.2
TOTAL	1056.	100.0	3955.1	11985.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.5	3.7	11.4
LEUROGLOSSUS STILBIUS	18.	9.2	67.4	204.3
MERLUCCIUS PRODUCTUS	157.	80.1	588.0	1782.0
THERAGRA CHALCOGRAMMA	12.	6.1	44.9	136.2
SCORPAENIDAE(FAMILY)	8.	4.1	30.0	90.8
TOTAL	196.	100.0	734.1	2224.6

TABLE:	181	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	293 M3
POSITION:	49 11.9 N 123 31.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	350 M	TIME OF TOW:	1544 HR	ALIQUOT:	
		DEPTH OF TOW:	317 M	S.H.F.:	10.82

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	0.2	6.8	21.6
MERLUCCIUS PRODUCTUS	917.	89.6	3129.7	9921.9
THERAGRA CHALCOGRAMMA	105.	10.3	358.4	1136.1
TOTAL	1024.	100.0	3494.9	11079.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	5.5	41.0	129.8
MERLUCCIUS PRODUCTUS	188.	86.2	641.6	2034.2
THERAGRA CHALCOGRAMMA	9.	4.1	30.7	97.4
STICHAEIDAE(FAMILY)	1.	0.5	3.4	10.8
SCORPAENIDAE(FAMILY)	8.	3.7	27.3	86.6
TOTAL	218.	100.0	744.0	2358.8

TABLE:	182	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	292 M3
POSITION:	49 13.0 N 123 34.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	1621 HR	ALIQUOT:	
		DEPTH OF TOW:	340 M	S.H.F.:	11.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	400.	93.9	1369.9	4656.0
THERAGRA CHALCOGRAMMA	26	6.1	89.0	302.6
TOTAL	426	100.0	1458.9	4958.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	0.7	6.8	23.3
CLUPEA HARENGUS	5.	1.7	17.1	58.2
LEUROGLOSSUS STILBIUS	34.	11.3	116.4	395.8
MERLUCCIUS PRODUCTUS	225.	75.0	770.5	2619.0
THERAGRA CHALCOGRAMMA	26.	8.7	89.0	302.6
SCORPAENIDAE(FAMILY)	8.	2.7	27.4	93.1
TOTAL	300.	100.0	1027.4	3492.0

TABLE:	183	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	293 M3
POSITION:	49 14.1 N 123 37.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	1656 HR	ALIQUOT:	
		DEPTH OF TOW:	337 M	S.H.F.:	11.50

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.4	3.4	11.5
MERLUCCIUS PRODUCTUS	258.	90.5	880.5	2967.0
THERAGRA CHALCOGRAMMA	26.	9.1	88.7	299.0
TOTAL	285.	100.0	972.7	3277.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	2.2	17.1	57.5
LEUROGLOSSUS STILBIUS	23.	10.0	78.5	264.5
MERLUCCIUS PRODUCTUS	154.	67.2	525.6	1771.0
THERAGRA CHALCOGRAMMA	40.	17.5	136.5	460.0
SCORPAENIDAE(FAMILY)	7.	3.1	23.9	80.5
TOTAL	229.	100.0	781.6	2633.5

TABLE:	184	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	304 M3
POSITION:	49 15.2 N 123 39.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	1730 HR	ALIQUOT:	
		DEPTH OF TOW:	334 M	S.H.F.:	10.99

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	1.3	16.4	55.0
MERLUCCIUS PRODUCTUS	370.	97.6	1217.1	4066.3
THERAGRA CHALCOGRAMMA	4.	1.1	13.2	44.0
TOTAL	379.	100.0	1246.7	4165.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	1.3	9.9	33.0
LEUROGLOSSUS STILBIUS	18.	7.9	59.2	197.8
MERLUCCIUS PRODUCTUS	159.	69.7	523.0	1747.4
THERAGRA CHALCOGRAMMA	48.	21.1	157.9	527.5
TOTAL	228.	100.0	750.0	2505.7

TABLE:	185	WIND DIRECTION:	335 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-10	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	9/ 5/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	289 M3
POSITION:	49 17.5 N 123 55.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 34	ST/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	0800 HR	ALIQUOT:	
		DEPTH OF TOW:	365 M	S.H.F.:	12.63

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	0.8	6.9	25.3
MERLUCCIUS PRODUCTUS	234.	97.9	809.7	2955.4
THERAGRA CHALCOGRAMMA	3.	1.3	10.4	37.9
TOTAL	239.	100.0	827.0	3018.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	0.6	6.9	25.3
LEUROGLOSSUS STILBIUS	21.	6.4	72.7	265.2
MERLUCCIUS PRODUCTUS	259.	79.4	896.2	3271.2
THERAGRA CHALCOGRAMMA	40.	12.3	138.4	505.2
SCORPAENIDAE(FAMILY)	4.	1.2	13.8	50.5
TOTAL	326.	100.0	1128.0	4117.4

TABLE: 186
CRUISE: SG 79-10
SAMPLE NO.: 14
DATE: 9/ 5/79
VESSEL: CALIGUS
POSITION: 49 18.6 N 123 58.1 W
GRID POSITION: 76 . 34
BOTTOM DEPTH: 403 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 0845 HR
DEPTH OF TOW: 378 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 272 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 13.90

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	135.	100.0	496.3	1876.5
TOTAL	135.	100.0	496.3	1876.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.3	3.7	13.9
LEUROGLOSSUS STILBIUS	10.	3.4	36.8	139.0
MERLUCCIUS PRODUCTUS	261.	89.4	959.6	3627.9
THERAGRA CHALCOGRAMMA	17.	5.8	62.5	236.3
SCORPAENIDAE(FAMILY)	2.	0.7	7.4	27.8
COTTIDAE(FAMILY)	1.	0.3	3.7	13.9
TOTAL	292.	100.0	1073.5	4058.8

TABLE:	187	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	339 M3
POSITION:	49 18.0 N 123 51.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1117 HR	ALIQUOT:	
		DEPTH OF TOW:	331 M	S.H.F.:	9.76

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	100.0	8.8	29.3
TOTAL	3.	100.0	8.8	29.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.5	2.9	9.8
CLUPEA HARENGUS	2.	3.1	5.9	19.5
LEUROGLOSSUS STILBIUS	7.	10.8	20.6	68.3
MERLUCCIUS PRODUCTUS	27.	41.5	79.6	263.5
THERAGRA CHALCOGRAMMA	25.	38.5	73.7	244.0
SCORPAENIDAE(FAMILY)	3.	4.6	8.8	29.3
TOTAL	65.	100.0	191.7	634.4

TABLE:	188	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	15/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	329 M3
POSITION:	49 16.9 N 123 48.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1225 HR	ALIQUOT:	
		DEPTH OF TOW:	325 M	S.H.F.:	9.88

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.4	3.0	9.9
MERLUCCIUS PRODUCTUS	218.	95.6	662.6	2153.8
THERAGRA CHALCOGRAMMA	9.	3.9	27.4	88.9
TOTAL	228.	100.0	693.0	2252.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	1.9	6.1	19.8
LEUROGLOSSUS STILBIUS	9.	8.7	27.4	88.9
MERLUCCIUS PRODUCTUS	66.	63.5	200.6	652.1
THERAGRA CHALCOGRAMMA	20.	19.2	60.8	197.6
SCORPAENIDAE(FAMILY)	7.	6.7	21.3	69.2
TOTAL	104.	100.0	316.1	1027.5

TABLE:	189	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	320 M3
POSITION:	49 15.8 N 123 46.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1315 HR	ALIQUOT:	
		DEPTH OF TOW:	325 M	S.H.F.:	10.16

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	464.	96.5	1450.0	4714.2
THERAGRA CHALCOGRAMMA	17.	3.5	53.1	172.7
TOTAL	481.	100.0	1503.1	4887.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	13.	9.9	40.6	132.1
MERLUCCIUS PRODUCTUS	93.	71.0	290.6	944.9
THERAGRA CHALCOGRAMMA	23.	17.6	71.9	233.7
SCORPAENIDAE(FAMILY)	1.	0.8	3.1	10.2
CYCLOPTERIDAE(FAMILY)	1.	0.8	3.1	10.2
TOTAL	131.	100.0	409.4	1331.0

TABLE:	190	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	329 M3
POSITION:	49 14.7 N 123 43.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1408 HR	ALIQUOT:	
		DEPTH OF TOW:	325 M	S.H.F.:	9.88

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	0.7	9.1	29.6
LEUROGLOSSUS STILBIUS	1.	0.2	3.0	9.9
MERLUCCIUS PRODUCTUS	434.	97.5	1319.1	4287.9
THERAGRA CHALCOGRAMMA	7.	1.6	21.3	69.2
TOTAL	445.	100.0	1352.6	4396.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.1	3.0	9.9
CLUPEA HARENGUS	1.	1.1	3.0	9.9
LEUROGLOSSUS STILBIUS	12.	13.0	36.5	118.6
MERLUCCIUS PRODUCTUS	68.	73.9	206.7	671.8
THERAGRA CHALCOGRAMMA	9.	9.8	27.4	88.9
SCORPAENIDAE(FAMILY)	1.	1.1	3.0	9.9
TOTAL	92.	100.0	279.6	909.0

TABLE:	191	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	357 M3
POSITION:	49 13.6 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1500 HR	ALIQUOT:	
		DEPTH OF TOW:	325 M	S.H.F.:	9.10

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	323.	98.5	904.8	2939.3
THERAGRA CHALCOGRAMMA	5.	1.5	14.0	45.5
TOTAL	328.	100.0	918.8	2984.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.2	2.8	9.1
LEUROGLOSSUS STILBIUS	12.	14.3	33.6	109.2
MERLUCCIUS PRODUCTUS	49.	58.3	137.3	445.9
THERAGRA CHALCOGRAMMA	21.	25.0	58.8	191.1
NECTOLIPARIS PELAGICUS	1.	1.2	2.8	9.1
TOTAL	84.	100.0	235.3	764.4

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	2.8	9.1
TOTAL	1.	100.0	2.8	9.1

TABLE:	192	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	370 M3
POSITION:	49 12.4 N 123 38.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1545 HR	ALIQUOT:	
		DEPTH OF TOW:	325 M	S.H.F.:	8.67

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.3	2.7	8.7
MERLUCCIUS PRODUCTUS	302.	99.0	816.2	2618.3
THERAGRA CHALCOGRAMMA	2.	0.7	5.4	17.3
TOTAL	305.	100.0	824.3	2644.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	4.0	8.1	26.0
LEUROGLOSSUS STILBIUS	11.	14.7	29.7	95.4
MERLUCCIUS PRODUCTUS	20.	26.7	54.1	173.4
THERAGRA CHALCOGRAMMA	30.	40.0	81.1	260.1
SCORPAENIDAE(FAMILY)	11.	14.7	29.7	95.4
TOTAL	75.	100.0	202.7	650.3

TABLE:	193	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	15/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	356 M3
POSITION:	49 11.3 N 123 36.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1630 HR	ALIQUOT:	
		DEPTH OF TOW:	318 M	S.H.F.:	8.48

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	2.8	8.5
LEUROGLOSSUS STILBIUS	3.	0.8	8.4	25.4
MERLUCCIUS PRODUCTUS	356.	97.0	1000.0	3018.9
THERAGRA CHALCOGRAMMA	7.	1.9	19.7	59.4
TOTAL	367.	100.0	1030.9	3112.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.4	2.8	8.5
LEUROGLOSSUS STILBIUS	13.	18.8	36.5	110.2
MERLUCCIUS PRODUCTUS	15.	21.7	42.1	127.2
THERAGRA CHALCOGRAMMA	33.	47.8	92.7	279.8
SCORPAENIDAE(FAMILY)	7.	10.1	19.7	59.4
TOTAL	69.	100.0	193.8	585.1

TABLE:	194	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 5/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	311 M3
POSITION:	49 10.2 N 123 33.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1057 HR	ALIQUOT:	
		DEPTH OF TOW:	300 M	S.H.F.:	9.65

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	0.6	6.4	19.3
MERLUCCIUS PRODUCTUS	305.	96.2	980.7	2943.3
THERAGRA CHALCOGRAMMA	10.	3.2	32.2	96.5
TOTAL	317.	100.0	1019.3	3059.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.5	3.2	9.6
CLUPEA HARENGUS	4.	5.9	12.9	38.6
LEUROGLOSSUS STILBIUS	10.	14.7	32.2	96.5
MERLUCCIUS PRODUCTUS	17.	25.0	54.7	164.0
THERAGRA CHALCOGRAMMA	33.	48.5	106.1	318.4
SCORPAENIDAE(FAMILY)	3.	4.4	9.6	28.9
TOTAL	68.	100.0	218.6	656.2

TABLE:	195	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	332 M3
POSITION:	49 13.5 N 123 30.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	315 M	TIME OF TOW:	1150 HR	ALIQUOT:	
		DEPTH OF TOW:	292 M	S.H.F.:	8.80

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	291.	92.4	876.5	2560.8
THERAGRA CHALCOGRAMMA	24.	7.6	72.3	211.2
TOTAL	315.	100.0	948.8	2772.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	2.	3.5	6.0	17.6
LEUROGLOSSUS STILBIUS	17.	29.8	51.2	149.6
MERLUCCIUS PRODUCTUS	5.	8.8	15.1	44.0
THERAGRA CHALCOGRAMMA	28.	49.1	84.3	246.4
SCORPAENIDAE(FAMILY)	5.	8.8	15.1	44.0
TOTAL	57.	100.0	171.7	501.6

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	100.0	3.0	8.8
TOTAL	1.	100.0	3.0	8.8

TABLE:	196	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	271 M3
POSITION:	49 14.6 N 123 32.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1245 HR	ALIQUOT:	
		DEPTH OF TOW:	305 M	S.H.F.:	11.99

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.3	3.7	12.0
MERLUCCIUS PRODUCTUS	358.	92.7	1321.0	4292.4
THERAGRA CHALCOGRAMMA	27.	7.0	99.6	323.7
TOTAL	386.	100.0	1424.4	4628.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	11.6	29.5	95.9
MERLUCCIUS PRODUCTUS	32.	46.4	118.1	383.7
THERAGRA CHALCOGRAMMA	27.	39.1	99.6	323.7
SCORPAENIDAE(FAMILY)	2.	2.9	7.4	24.0
TOTAL	69.	100.0	254.6	827.3

TABLE:	197	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	16/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	291 M3
POSITION:	49 15.7 N 123 35.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	350 M	TIME OF TOW:	1332 HR	ALIQUOT:	
		DEPTH OF TOW:	301 M	S.H.F.:	10.34

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.7	3.4	10.3
LEUROGLOSSUS STILBIUS	1.	0.7	3.4	10.3
MERLUCCIUS PRODUCTUS	134.	97.1	460.5	1385.6
THERAGRA CHALCOGRAMMA	2.	1.4	6.9	20.7
TOTAL	138.	100.0	474.2	1426.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	17.4	27.5	82.7
MERLUCCIUS PRODUCTUS	3.	6.5	10.3	31.0
THERAGRA CHALCOGRAMMA	31.	67.4	106.5	320.5
SCORPAENIDAE(FAMILY)	4.	8.7	13.7	41.4
TOTAL	46.	100.0	158.1	475.6

TABLE:	198	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	16/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	330 M3
POSITION:	49 16.9 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	280 M	TIME OF TOW:	1420 HR	ALIQUOT:	
		DEPTH OF TOW:	252 M	S.H.F.:	7.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	1.0	3.0	7.6
MERLUCCIUS PRODUCTUS	100.	95.2	303.0	764.0
THERAGRA CHALCOGRAMMA	4.	3.8	12.1	30.6
TOTAL	105.	100.0	318.2	802.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	16.	17.0	48.5	122.2
MERLUCCIUS PRODUCTUS	41.	43.6	124.2	313.2
THERAGRA CHALCOGRAMMA	29.	30.9	87.9	221.6
SCORPAENIDAE(FAMILY)	7.	7.4	21.2	53.5
PLEURONECTIDAE(FAMILY)	1.	1.1	3.0	7.6
TOTAL	94.	100.0	284.8	718.2

TABLE: 199
CRUISE: SG 79-11
SAMPLE NO.: 13
DATE: 16/ 5/79
VESSEL: CALIGUS
POSITION: 49 18.0 N 123 40.3 W
GRID POSITION: 66 . 28
BOTTOM DEPTH: 310 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1508 HR
DEPTH OF TOW: 272 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 325 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 8.37

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	2.7	15.4	41.8
MERLUCCIUS PRODUCTUS	166.	89.7	510.8	1389.4
THERAGRA CHALCOGRAMMA	14.	7.6	43.1	117.2
TOTAL	185.	100.0	569.2	1548.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	3.1	8.4
CLUPEA HARENGUS	1.	0.6	3.1	8.4
LEUROGLOSSUS STILBIUS	30.	17.0	92.3	251.1
MERLUCCIUS PRODUCTUS	93.	52.8	286.2	778.4
THERAGRA CHALCOGRAMMA	48.	27.3	147.7	401.8
COTTIDAE(FAMILY)	3.	1.7	9.2	25.1
TUTAL	176.	100.0	541.5	1473.1

TABLE:	200	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-11	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	16/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	325 M3
POSITION:	49 19.1 N 123 42.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	325 M	TIME OF TOW:	1545 HR	ALIQUOT:	
		DEPTH OF TOW:	273 M	S.H.F.:	8.40

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.1	8.4
LEUROGLOSSUS STILBIUS	5.	1.1	15.4	42.0
MERLUCCIUS PRODUCTUS	407.	92.1	1252.3	3418.8
THERAGRA CHALCOGRAMMA	29.	6.6	89.2	243.6
TOTAL	442	100.0	1360.0	3712.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.5	3.1	8.4
LEUROGLOSSUS STILBIUS	33.	18.1	101.5	277.2
MERLUCCIUS PRODUCTUS	129.	70.9	396.9	1083.6
THERAGRA CHALCOGRAMMA	15.	8.2	46.2	126.0
GOBIIDAE(FAMILY)	1.	0.5	3.1	8.4
SCORPAENIDAE(FAMILY)	3.	1.6	9.2	25.2
TOTAL	182.	100.0	560.0	1528.8

TABLE:	201	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	325 M3
POSITION:	49 18.0 N 123 51.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	403 M	TIME OF TOW:	1045 HR	ALIQUOT:	
		DEPTH OF TOW:	337 M	S.H.F.:	10.38

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	5.7	12.3	41.5
MERLUCCIUS PRODUCTUS	63.	90.0	193.8	653.9
THERAGRA CHALCOGRAMMA	3.	4.3	9.2	31.1
TOTAL	70.	100.0	215.4	726.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	0.7	3.1	10.4
LEUROGLOSSUS STILBIUS	10.	7.0	30.8	103.8
MERLUCCIUS PRODUCTUS	114.	80.3	350.8	1183.3
THERAGRA CHALCOGRAMMA	3.	2.1	9.2	31.1
SCORPAENIDAE(FAMILY)	14.	9.9	43.1	145.3
TOTAL	142.	100.0	436.9	1474.0

TABLE:	202	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	318 M3
POSITION:	49 16.9 N 123 48.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	402 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	352 M	S.H.F.:	11.08

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	2.1	3.1	11.1
MERLUCCIUS PRODUCTUS	43.	89.6	135.2	476.4
THERAGRA CHALCOGRAMMA	4.	8.3	12.6	44.3
TOTAL	48.	100.0	150.9	531.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.1	3.1	11.1
LEUROGLOSSUS STILBIUS	8.	9.0	25.2	88.6
MERLUCCIUS PRODUCTUS	61.	68.5	191.8	675.9
THERAGRA CHALCOGRAMMA	6.	6.7	18.9	66.5
SCORPAENIDAE(FAMILY)	13.	14.6	40.9	144.0
TOTAL	89.	100.0	279.9	986.1

TABLE:	203	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	306 M3
POSITION:	49 15.8 N 123 46.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1212 HR	ALIQUOT:	
		DEPTH OF TOW:	359 M	S.H.F.:	11.74

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	15.	9.7	49.0	176.1
MERLUCCIUS PRODUCTUS	134.	86.5	437.9	1573.2
THERAGRA CHALCOGRAMMA	6.	3.9	19.6	70.4
TOTAL	155.	100.0	506.5	1819.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	3.	3.5	9.8	35.2
LEUROGLOSSUS STILBIUS	9.	10.5	29.4	105.7
MERLUCCIUS PRODUCTUS	64.	74.4	209.2	751.4
THERAGRA CHALCOGRAMMA	5.	5.8	16.3	58.7
SCORPAENIDAE(FAMILY)	5.	5.8	16.3	58.7
TOTAL	86.	100.0	281.0	1009.6

TABLE:	204	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	313 M3
POSITION:	49 14.7 N 123 43.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1253 HR	ALIQUOT:	
		DEPTH OF TOW:	352 M	S.H.F.:	11.27

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	6.	3.9	19.2	67.6
MERLUCCIUS PRODUCTUS	136.	88.9	434.5	1532.7
THERAGRA CHALCOGRAMMA	11.	7.2	35.1	124.0
TOTAL	153.	100.0	488.8	1724.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	11.	8.9	35.1	124.0
MERLUCCIUS PRODUCTUS	70.	56.5	223.6	788.9
THERAGRA CHALCOGRAMMA	7.	5.6	22.4	78.9
SCORPAENIDAE(FAMILY)	31.	25.0	99.0	349.4
COTTIDAE(FAMILY)	5.	4.0	16.0	56.4
TOTAL	124.	100.0	396.2	1397.5

TABLE:	205	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	295 M3
POSITION:	49 13.6 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	400 M	TIME OF TOW:	1334 HR	ALIQUOT:	
		DEPTH OF TOW:	350 M	S.H.F.:	11.85

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	12.	7.7	40.7	142.2
MERLUCCIUS PRODUCTUS	142.	91.6	481.4	1682.7
THERAGRA CHALCOGRAMMA	1.	0.6	3.4	11.9
TOTAL	155.	100.0	525.4	1836.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.9	3.4	11.9
LEUROGLOSSUS STILBIUS	17.	15.7	57.6	201.5
MERLUCCIUS PRODUCTUS	86.	79.6	291.5	1019.1
THERAGRA CHALCOGRAMMA	1.	0.9	3.4	11.9
SCORPAENIDAE(FAMILY)	3.	2.8	10.2	35.6
TOTAL	108.	100.0	366.1	1279.8

TABLE:	206	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	294 M3
POSITION:	49 12.4 N 123 38.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	360 M	TIME OF TOW:	1415 HR	ALIQUOT:	
		DEPTH OF TOW:	325 M	S.H.F.:	11.05

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	385.	99.7	1309.5	4254.3
THERAGRA CHALCOGRAMMA	1.	0.3	3.4	11.1
TOTAL	386.	100.0	1312.9	4265.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.2	6.8	22.1
LEUROGLOSSUS STILBIUS	9.	9.8	30.6	99.5
MERLUCCIUS PRODUCTUS	71.	77.2	241.5	784.5
THERAGRA CHALCOGRAMMA	7.	7.6	23.8	77.3
SCORPAENIDAE(FAMILY)	3.	3.3	10.2	33.2
TOTAL	92.	100.0	312.9	1016.6

TABLE:	207	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	330 M3
POSITION:	49 11.3 N 123 36.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	1455 HR	ALIQUOT:	
		DEPTH OF TOW:	260 M	S.H.F.:	6.85

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.2	3.0	6.8
LEUROGLOSSUS STILBIUS	3.	0.7	9.1	20.5
MERLUCCIUS PRODUCTUS	422.	95.7	1278.8	2890.7
THERAGRA CHALCOGRAMMA	15.	3.4	45.5	102.8
TOTAL	441.	100.0	1336.4	3020.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	25.	18.9	75.8	171.3
MERLUCCIUS PRODUCTUS	94.	71.2	284.8	643.9
THERAGRA CHALCOGRAMMA	6.	4.5	18.2	41.1
SCORPAENIDAE(FAMILY)	7.	5.3	21.2	48.0
TOTAL	132.	100.0	400.0	904.2

TABLE:	208	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	23/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	335 M3
POSITION:	49 10.2 N 123 33.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	384 M	TIME OF TOW:	1536 HR	ALIQUOT:	
		DEPTH OF TOW:	352 M	S.H.F.:	10.51

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	258.	98.9	770.1	2711.6
THERAGRA CHALCOGRAMMA	3.	1.1	9.0	31.5
TOTAL	261.	100.0	779.1	2743.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	2.9	9.0	31.5
LEUROGLOSSUS STILBIUS	16.	15.2	47.8	168.2
MERLUCCIUS PRODUCTUS	64.	61.0	191.0	672.6
THERAGRA CHALCOGRAMMA	5.	4.8	14.9	52.6
GOBIIDAE(FAMILY)	1.	1.0	3.0	10.5
SCORPAENIDAE(FAMILY)	16.	15.2	47.8	168.2
TOTAL	105.	100.0	313.4	1103.6

TABLE:	209	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	241 M3
POSITION:	49 13.5 N 123 30.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	348 M	TIME OF TOW:	1130 HR	ALIQUOT:	
		DEPTH OF TOW:	333 M	S.H.F.:	13.80

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.5	4.1	13.8
MERLUCCIUS PRODUCTUS	192.	98.0	796.7	2649.6
THERAGRA CHALCOGRAMMA	3.	1.5	12.4	41.4
TOTAL	196.	100.0	813.3	2704.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.1	4.1	13.8
LEUROGLOSSUS STILBIUS	8.	9.2	33.2	110.4
MERLUCCIUS PRODUCTUS	73.	83.9	302.9	1007.4
THERAGRA CHALCOGRAMMA	1.	1.1	4.1	13.8
SCORPAENIDAE(FAMILY)	4.	4.6	16.6	55.2
TOTAL	87.	100.0	361.0	1200.6

TABLE:	210	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:		GEAR TYPE:	BONGO 25 M2
DATE:	24/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	311 M3
POSITION:	49 14.6 N 123 32.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	366 M	TIME OF TOW:	1203 HR	ALIQUOT:	
		DEPTH OF TOW:	335 M	S.H.F.:	10.76

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.3	3.2	10.8
MERLUCCIUS PRODUCTUS	289.	99.3	929.3	3109.6
THERAGRA CHALCOGRAMMA	1.	0.3	3.2	10.8
TOTAL	291.	100.0	935.7	3131.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	15.	10.3	48.2	161.4
MERLUCCIUS PRODUCTUS	118.	81.4	379.4	1269.7
THERAGRA CHALCOGRAMMA	4.	2.8	12.9	43.0
SCORPAENIDAE(FAMILY)	8.	5.5	25.7	86.1
TOTAL	145.	100.0	466.2	1560.2

TABLE:	211	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	337 M3
POSITION:	49 15.7 N 123 35.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	366 M	TIME OF TOW:	1242 HR	ALIQUOT:	
		DEPTH OF TOW:	338 M	S.H.F.:	10.03

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.2	3.0	10.0
MERLUCCIUS PRODUCTUS	397.	96.8	1178.0	3981.9
THERAGRA CHALCOGRAMMA	12.	2.9	35.6	120.4
TOTAL	410.	100.0	1216.6	4112.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	3.0	10.0
CLUPEA HARENGUS	13.	8.2	38.6	130.4
LEUROGLOSSUS STILBIUS	24.	15.1	71.2	240.7
MERLUCCIUS PRODUCTUS	74.	46.5	219.6	742.2
THERAGRA CHALCOGRAMMA	3.	1.9	8.9	30.1
SCORPAENIDAE(FAMILY)	44.	27.7	130.6	441.3
TOTAL	159.	100.0	471.8	1594.8

TABLE:	212	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	12	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	320 M3
POSITION:	49 16.9 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1321 HR	ALIQUOT:	
		DEPTH OF TOW:	297 M	S.H.F.:	9.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.4	3.1	9.3
MERLUCCIUS PRODUCTUS	247.	95.4	771.9	2292.2
THERAGRA CHALCOGRAMMA	11.	4.2	34.4	102.1
TOTAL	259.	100.0	809.4	2403.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	9.	7.4	28.1	83.5
MERLUCCIUS PRODUCTUS	99.	81.1	309.4	918.7
THERAGRA CHALCOGRAMMA	5.	4.1	15.6	46.4
SCORPAENIDAE(FAMILY)	9.	7.4	28.1	83.5
TOTAL	122.	100.0	381.3	1132.2

TABLE:	213	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	322 M3
POSITION:	49 18.0 N 123 40.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	293 M	TIME OF TOW:	1545 HR	ALIQUOT:	
		DEPTH OF TOW:	265 M	S.H.F.:	8.24

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	0.9	6.2	16.5
MERLUCCIUS PRODUCTUS	210.	95.5	652.2	1730.4
THERAGRA CHALCOGRAMMA	8.	3.6	24.8	65.9
TOTAL	220.	100.0	683.2	1812.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.7	6.2	16.5
LEUROGLOSSUS STILBIUS	15.	13.0	46.6	123.6
MERLUCCIUS PRODUCTUS	72.	62.6	223.6	593.3
THERAGRA CHALCOGRAMMA	7.	6.1	21.7	57.7
SCORPAENIDAE(FAMILY)	19.	16.5	59.0	156.6
TOTAL	115.	100.0	357.1	947.6

TABLE:	214	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	368 M3
POSITION:	49 19.1 N 123 42.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	329 M	TIME OF TOW:	1615 HR	ALIQUOT:	
		DEPTH OF TOW:	304 M	S.H.F.:	8.25

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
	5.	4.5	13.6	41.3
MERLUCCIUS PRODUCTUS	100.	90.1	271.7	825.0
THERAGRA CHALCOGRAMMA	6.	5.4	16.3	49.5
TOTAL	111.	100.0	301.6	915.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.5	2.7	8.3
LEUROGLOSSUS STILBIUS	11.	5.9	29.9	90.8
MERLUCCIUS PRODUCTUS	115.	62.2	312.5	948.8
THERAGRA CHALCOGRAMMA	18.	9.7	48.9	148.5
SCORPAENIDAE(FAMILY)	40.	21.6	108.7	330.0
TOTAL	185.	100.0	502.7	1526.3

TABLE:	215	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	385 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	366 M	TIME OF TOW:	1700 HR	ALIQUOT:	
		DEPTH OF TOW:	331 M	S.H.F.:	8.60

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	14.7	36.4	120.4
MERLUCCIUS PRODUCTUS	70.	73.7	181.8	602.0
THERAGRA CHALCOGRAMMA	11.	11.6	28.6	94.6
TOTAL	95.	100.0	246.8	817.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	17.	15.9	44.2	146.2
MERLUCCIUS PRODUCTUS	81.	75.7	210.4	696.6
THERAGRA CHALCOGRAMMA	5.	4.7	13.0	43.0
SCORPAENIDAE(FAMILY)	3.	2.8	7.8	25.8
COTTIDAE(FAMILY)	1.	0.9	2.6	8.6
TOTAL	107.	100.0	277.9	920.2

TABLE:	216	WIND DIRECTION:	135 DEG	TOW SPEED: -	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	24/ 5/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	262 M3
POSITION:	49 21.3 N 123 47.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	366 M	TIME OF TOW:	1740 HR	ALIQUOT:	
		DEPTH OF TOW:	345 M	S.H.F.:	13.17

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	5.7	7.6	26.3
MERLUCCIUS PRODUCTUS	29.	82.9	110.7	381.9
THERAGRA CHALCOGRAMMA	4.	11.4	15.3	52.7
TOTAL	35.	100.0	133.6	460.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	14.	17.3	53.4	184.4
MERLUCCIUS PRODUCTUS	56.	69.1	213.7	737.5
THERAGRA CHALCOGRAMMA	9.	11.1	34.4	118.5
SCORPAENIDAE(FAMILY)	2.	2.5	7.6	26.3
TOTAL	81.	100.0	309.2	1066.8

TABLE:	217	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	394 M3
POSITION:	49 7.4 N 123 32.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	300 M	TIME OF TOW:	1050 HR	ALIQUOT:	
		DEPTH OF TOW:	260 M	S.H.F.:	6.60

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4	1.5	10.2	26.4
MERLUCCIUS PRODUCTUS	255.	94.1	647.2	1683.0
THERAGRA CHALCOGRAMMA	12.	4.4	30.5	79.2
TOTAL	271.	100.0	687.8	1788.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	1.7	7.6	19.8
THALEICHTHYS PACIFICUS	5.	2.8	12.7	33.0
LEUROGLOSSUS STILBIUS	17.	9.6	43.1	112.2
MERLUCCIUS PRODUCTUS	111.	62.4	281.7	732.6
THERAGRA CHALCOGRAMMA	20.	11.2	50.8	132.0
SCORPAENIDAE(FAMILY)	20.	11.2	50.8	132.0
CYCLOPTERIDAE(FAMILY)	2.	1.1	5.1	13.2
TOTAL	178.	100.0	451.8	1174.8

TABLE: 218
CRUISE: SG 79-12
SAMPLE NO.: 18
DATE: 25/ 5/79
VESSEL: CALIGUS
POSITION: 49 9.1 N 123 31.1 W
GRID POSITION: 56 . 32
BOTTOM DEPTH: 340 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1125 HR
DEPTH OF TOW: 306 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 455 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 6.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	400.	94.8	879.1	2692.0
THERAGRA CHALCOGRAMMA	22.	5.2	48.4	148.1
TOTAL	422.	100.0	927.5	2840.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	15.	6.7	33.0	100.9
THALEICHTHYS PACIFICUS	14.	6.3	30.8	94.2
LEUROGLOSSUS STILBIUS	36.	16.1	79.1	242.3
MERLUCCIUS PRODUCTUS	141.	62.9	309.9	948.9
THERAGRA CHALCOGRAMMA	8.	3.6	17.6	53.8
SCORPAENIDAE(FAMILY)	10.	4.5	22.0	67.3
TOTAL	224.	100.0	492.3	1507.5

TABLE:	219	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	298 M3
POSITION:	49 10.7 N 123 29.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	325 M	TIME OF TOW:	1215 HR	ALIQUOT:	
		DEPTH OF TOW:	292 M	S.H.F.:	9.81

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.3	3.4	9.8
MERLUCCIUS PRODUCTUS	323.	93.9	1083.9	3168.6
THERAGRA CHALCOGRAMMA	20.	5.8	67.1	196.2
TOTAL	344.	100.0	1154.4	3374.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.1	6.7	19.6
CLUPEA HARENGUS	26.	14.9	87.2	255.1
THALEICHTHYS PACIFICUS	13.	7.5	43.6	127.5
LEUROGLOSSUS STILBIUS	15.	8.6	50.3	147.2
MERLUCCIUS PRODUCTUS	68.	39.1	228.2	667.1
THERAGRA CHALCOGRAMMA	8.	4.6	26.8	78.5
SCORPAENIDAE(FAMILY)	42.	24.1	140.9	412.0
TOTAL	174.	100.0	583.9	1706.9

TABLE:	220	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	297 M3
POSITION:	49 12.4 N 123 27.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	310 M	TIME OF TOW:	1355 HR	ALIQUOT:	
		DEPTH OF TOW:	279 M	S.H.F.:	9.38

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.3	3.4	9.4
MERLUCCIUS PRODUCTUS	326.	93.4	1097.6	3057.9
THERAGRA CHALCOGRAMMA	22.	6.3	74.1	206.4
TOTAL	349.	100.0	1175.1	3273.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.6	3.4	9.4
CLUPEA HARENGUS	11.	6.5	37.0	103.2
THALEICHTHYS PACIFICUS	18.	10.7	60.6	168.8
LEUROGLOSSUS STILBIUS	27.	16.1	90.9	253.3
MERLUCCIUS PRODUCTUS	94.	56.0	316.5	881.7
THERAGRA CHALCOGRAMMA	9.	5.4	30.3	84.4
GOBIIDAE(FAMILY)	2.	1.2	6.7	18.8
SCORPAENIDAE(FAMILY)	6.	3.6	20.2	56.3
TOTAL	168.	100.0	565.7	1575.8

TABLE:	221	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	21	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	247 M3
POSITION:	49 11.3 N 123 25.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	280 M	TIME OF TOW:	1405 HR	ALIQUOT:	
		DEPTH OF TOW:	254 M	S.H.F.:	10.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	1.0	16.2	41.1
MERLUCCIUS PRODUCTUS	372.	96.1	1506.1	3824.2
THERAGRA CHALCOGRAMMA	11.	2.8	44.5	113.1
TOTAL	387.	100.0	1566.8	3978.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	37.	20.2	149.8	380.4
THALEICHTHYS PACIFICUS	7.	3.8	28.3	72.0
LEUROGLOSSUS STILBIUS	24.	13.1	97.2	246.7
MERLUCCIUS PRODUCTUS	106.	57.9	429.1	1089.7
THERAGRA CHALCOGRAMMA	6.	3.3	24.3	61.7
SCORPAENIDAE(FAMILY)	3.	1.6	12.1	30.8
TOTAL	183.	100.0	740.9	1881.2

TABLE:	222	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	22	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	304 M3
POSITION:	49 9.6 N 123 26.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 30	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	290 M	TIME OF TOW:	1455 HR	ALIQUOT:	
		DEPTH OF TOW:	258 M	S.H.F.:	8.50

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.3	3.3	8.5
MERLUCCIUS PRODUCTUS	294.	98.0	967.1	2499.0
THERAGRA CHALCOGRAMMA	5.	1.7	16.4	42.5
TOTAL	300.	100.0	986.8	2550.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	10.	5.0	32.9	85.0
THALEICHTHYS PACIFICUS	39.	19.6	128.3	331.5
LEUROGLOSSUS STILBIUS	40.	20.1	131.6	340.0
MERLUCCIUS PRODUCTUS	103.	51.8	338.8	875.5
THERAGRA CHALCOGRAMMA	6.	3.0	19.7	51.0
GOBIIDAE(FAMILY)	1.	0.5	3.3	8.5
TOTAL	199.	100.0	654.6	1691.5

TABLE:	223	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	339 M3
POSITION:	49 8.0 N 123 28.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1535 HR	ALIQUOT:	
		DEPTH OF TOW:	290 M	S.H.F.:	8.55

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	0.2	2.9	8.6
MERLUCCIUS PRODUCTUS	383.	94.3	1129.8	3274.7
THERAGRA CHALCOGRAMMA	22.	5.4	64.9	188.1
TOTAL	406.	100.0	1197.6	3471.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	0.8	2.9	8.6
LEUROGLOSSUS STILBIUS	12.	9.4	35.4	102.6
MERLUCCIUS PRODUCTUS	105.	82.7	309.7	897.8
SCORPAENIDAE(FAMILY)	9.	7.1	26.5	77.0
TOTAL	127.	100.0	374.6	1085.8

TABLE:	224	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	342 M3
POSITION:	48 55.1 N 123 5.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	34 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	355 M	TIME OF TOW:	1710 HR	ALIQUOT:	
		DEPTH OF TOW:	312 M	S.H.F.:	9.13

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	1.0	8.8	27.4
MERLUCCIUS PRODUCTUS	289.	94.4	845.0	2638.6
THERAGRA CHALCOGRAMMA	14.	4.6	40.9	127.8
TOTAL	306.	100.0	894.7	2793.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.5	5.8	18.3
CLUPEA HARENGUS	3.	2.2	8.8	27.4
THALEICHTHYS PACIFICUS	8.	5.9	23.4	73.0
LEUROGLOSSUS STILBIUS	9.	6.6	26.3	82.2
MERLUCCIUS PRODUCTUS	107.	78.7	312.9	976.9
THERAGRA CHALCOGRAMMA	6.	4.4	17.5	54.8
SCORPAENIDAE(FAMILY)	1.	0.7	2.9	9.1
TOTAL	136.	100.0	397.7	1241.7

TABLE:	225	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	25	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	216 M3
POSITION:	49 5.2 N 123 27.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	240 M	TIME OF TOW:	1800 HR	ALIQUOT:	
		DEPTH OF TOW:	210 M	S.H.F.:	9.73

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	65.	79.3	300.9	632.4
THERAGRA CHALCOGRAMMA	17.	20.7	78.7	165.4
TOTAL	82.	100.0	379.6	797.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	26.	29.2	120.4	253.0
THALEICHTHYS PACIFICUS	3.	3.4	13.9	29.2
LEUROGLOSSUS STILBIUS	15.	16.9	69.4	145.9
MERLUCCIUS PRODUCTUS	39.	43.8	180.6	379.5
THERAGRA CHALCOGRAMMA	5.	5.6	23.1	48.6
SCORPAENIDAE(FAMILY)	1.	1.1	4.6	9.7
TOTAL	89.	100.0	412.0	866.0

TABLE:	226	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-12	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	25/ 5/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	CALIGUS	SURFACE TEMP:		VOL. FILTERED:	374 M3
POSITION:	49 4.1 N 123 25.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	50 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	330 M	TIME OF TOW:	1835 HR	ALIQUOT:	
		DEPTH OF TOW:	274 M	S.H.F.:	7.32

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	1.0	13.4	36.6
MERLUCCIUS PRODUCTUS	360.	71.9	962.6	2635.2
THERAGRA CHALCOGRAMMA	136.	27.1	363.6	995.5
TOTAL	501.	100.0	1339.6	3667.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.4	5.3	14.6
NEMICHTHYS SCOLOPACEUS	13.	9.2	34.8	95.2
THALEICHTHYS PACIFICUS	2.	1.4	5.3	14.6
LEUROGLOSSUS STILBIUS	6.	4.2	16.0	43.9
MERLUCCIUS PRODUCTUS	106.	74.6	283.4	775.9
THERAGRA CHALCOGRAMMA	6.	4.2	16.0	43.9
GOBIIDAE(FAMILY)	2.	1.4	5.3	14.6
SCORPAENIDAE(FAMILY)	3.	2.1	8.0	22.0
COTTIDAE(FAMILY)	2.	1.4	5.3	14.6
TOTAL	142.	100.0	379.7	1039.4

TABLE:	227	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	284 M3
POSITION:	49 16.4 N 123 53.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	310 M	TIME OF TOW:	0740 HR	ALIQUOT:	
		DEPTH OF TOW:	272 M	S.H.F.:	9.56

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.7	3.5	9.6
LEUROGLOSSUS STILBIUS	3.	11.1	10.6	28.7
MERLUCCIUS PRODUCTUS	23.	85.2	81.0	219.9
TOTAL	27.	100.0	95.1	258.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	3.	6.4	10.6	28.7
LEUROGLOSSUS STILBIUS	12.	25.5	42.3	114.7
MERLUCCIUS PRODUCTUS	15.	31.9	52.8	143.4
THERAGRA CHALCOGRAMMA	6.	12.8	21.1	57.4
SCORPAENIDAE(FAMILY)	11.	23.4	38.7	105.2
TOTAL	47.	100.0	165.5	449.3

TABLE:	228	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	261 M3
POSITION:	49 15.3 N 123 50.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	0910 HR	ALIQUOT:	
		DEPTH OF TOW:	265 M	S.H.F.:	10.16

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	14.	100.0	53.6	142.2
TOTAL	14.	100.0	53.6	142.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	11.8	7.7	20.3
THALEICHTHYS PACIFICUS	2.	11.8	7.7	20.3
LEUROGLOSSUS STILBIUS	6.	35.3	23.0	61.0
MERLUCCIUS PRODUCTUS	4.	23.5	15.3	40.6
SCORPAENIDAE(FAMILY)	3.	17.6	11.5	30.5
TOTAL	17.	100.0	65.1	172.7

TABLE:	229	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	319 M3
POSITION:	49 15.8 N 123 46.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	280 M	TIME OF TOW:	0955 HR	ALIQUOT:	
		DEPTH OF TOW:	246 M	S.H.F.:	7.70

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	68.	94.4	213.2	523.6
THERAGRA CHALCOGRAMMA	4.	5.6	12.5	30.8
TOTAL	72.	100.0	225.7	554.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	22.	32.4	69.0	169.4
LEUROGLOSSUS STILBIUS	2.	2.9	6.3	15.4
MERLUCCIUS PRODUCTUS	30.	44.1	94.0	231.0
SCORPAENIDAE(FAMILY)	14.	20.6	43.9	107.8
TOTAL	68.	100.0	213.2	523.6

TABLE: 230	WIND DIRECTION: 315 DEG	TOW SPEED: 1 MPS
CRUISE: SG 79-13	WIND VELOCITY: 7 MPS	TYPE OF TOW: OBLIQUE
SAMPLE NO.: 4	WAVE HEIGHT:	GEAR TYPE: BONGO .25 M2
DATE: 5/ 6/79	SWELL HEIGHT: 1 M	MESH SIZE: .351 MM
VESSEL: DECIBAR	SURFACE TEMP:	VOL. FILTERED: 321 M3
POSITION: 49 14.7 N 123 43.7 W	STD NUMBER:	DISP. VOLUME:
GRID POSITION: 66 . 32	BT/XBT NUMBER:	PLANKTON CONC.:
BOTTOM DEPTH: 390 M	TIME OF TOW: 1055 HR	ALIQUOT:
	DEPTH OF TOW: 339 M	S.H.F.: 10.58

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	3.4	6.2	21.2
MERLUCCIUS PRODUCTUS	56.	94.9	174.5	592.5
THERAGRA CHALCOGRAMMA	1.	1.7	3.1	10.6
TOTAL	59.	100.0	183.8	624.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.6	3.1	10.6
LEUROGLOSSUS STILBIUS	9.	14.5	28.0	95.2
MERLUCCIUS PRODUCTUS	52.	83.9	162.0	550.2
TOTAL	62.	100.0	193.1	656.0

TABLE:	231	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	321 M3
POSITION:	49 13.6 N 123 41.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	380 M	TIME OF TOW:	1140 HR	ALIQUOT:	
		DEPTH OF TOW:	339 M	S.H.F.:	10.58

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	4.3	9.3	31.7
MERLUCCIUS PRODUCTUS	64.	91.4	199.4	677.1
THERAGRA CHALCOGRAMMA	3.	4.3	9.3	31.7
TOTAL	70.	100.0	218.1	740.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	2.6	9.3	31.7
LEUROGLOSSUS STILBIUS	25.	21.6	77.9	264.5
MERLUCCIUS PRODUCTUS	69.	59.5	215.0	730.0
THERAGRA CHALCOGRAMMA	3.	2.6	9.3	31.7
SCORPAENIDAE(FAMILY)	16.	13.8	49.8	169.3
TOTAL	116.	100.0	361.4	1227.3

TABLE:	232	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	362 M3
POSITION:	49 12.4 N 123 38.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	300 M	TIME OF TOW:	1225 HR	ALIQUOT:	
		DEPTH OF TOW:	257 M	S.H.F.:	7.10

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	2.6	2.8	7.1
MERLUCCIUS PRODUCTUS	31.	79.5	85.6	220.1
THERAGRA CHALCOGRAMMA	7	17.9	19.3	49.7
TOTAL	39.	100.0	107.7	276.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	2.	3.8	5.5	14.2
LEUROGLOSSUS STILBIUS	7.	13.5	19.3	49.7
MERLUCCIUS PRODUCTUS	29.	55.8	80.1	205.9
THERAGRA CHALCOGRAMMA	10.	19.2	27.6	71.0
SCORPAENIDAE(FAMILY)	2.	3.8	5.5	14.2
COTTIDAE(FAMILY)	2.	3.8	5.5	14.2
TOTAL	52.	100.0	143.6	369.2

TABLE:	233	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	244 M3
POSITION:	49 11.3 N 123 36.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	60 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	240 M	TIME OF TOW:	1315 HR	ALIQUOT:	
		DEPTH OF TOW:	202 M	S.H.F.:	8.31

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	33.	100.0	135.2	274.2
TOTAL	33.	100.0	135.2	274.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	4.5	8.2	16.6
LEUROGLOSSUS STILBIUS	12.	27.3	49.2	99.7
MERLUCCIUS PRODUCTUS	20.	45.5	82.0	166.2
THERAGRA CHALCOGRAMMA	6.	13.6	24.6	49.9
SCORPAENIDAE(FAMILY)	4.	9.1	16.4	33.2
TOTAL	44.	100.0	180.3	365.6

TABLE:	234	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	257 M3
POSITION:	49 10.2 N 123 33.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	300 M	TIME OF TOW:	1350 HR	ALIQUOT:	
		DEPTH OF TOW:	252 M	S.H.F.:	9.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	24.	92.3	93.4	235.0
THERAGRA CHALCOGRAMMA	2.	7.7	7.8	19.6
TOTAL	26.	100.0	101.2	254.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	1.	1.7	3.9	9.8
THALEICHTHYS PACIFICUS	5.	8.6	19.5	49.0
LEUROGLOSSUS STILBIUS	9.	15.5	35.0	88.1
MERLUCCIUS PRODUCTUS	36.	62.1	140.1	352.4
GOBIIDAE(FAMILY)	1.	1.7	3.9	9.8
SCORPAENIDAE(FAMILY)	6.	10.3	23.3	58.7
TOTAL	58.	100.0	225.7	567.8

TABLE:	235	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	284 M3
POSITION:	49 9.1 N 123 31.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	375 M	TIME OF TOW:	1435 HR	ALIQUOT:	
		DEPTH OF TOW:	325 M	S.H.F.:	11.42

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	4.5	3.5	11.4
MERLUCCIUS PRODUCTUS	19.	86.4	66.9	217.0
THERAGRA CHALCOGRAMMA	2.	9.1	7.0	22.8
TOTAL	22.	100.0	77.5	251.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	3.	4.3	10.6	34.3
LEUROGLOSSUS STILBIUS	4.	5.7	14.1	45.7
MERLUCCIUS PRODUCTUS	37.	52.9	130.3	422.5
THERAGRA CHALCOGRAMMA	5.	7.1	17.6	57.1
GOBIIDAE(FAMILY)	3.	4.3	10.6	34.3
SCORPAENIDAE(FAMILY)	18.	25.7	63.4	205.6
TOTAL	70.	100.0	246.5	799.4

TABLE:	236	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	254 M3
POSITION:	49 8.0 N 123 28.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	340 M	TIME OF TOW:	1520 HR	ALIQUOT:	
		DEPTH OF TOW:	312 M	S.H.F.:	12.27

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	13.	68.4	51.2	159.5
THERAGRA CHALCOGRAMMA	6.	31.6	23.6	73.6
TOTAL	19.	100.0	74.8	233.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.0	3.9	12.3
CLUPEA HARENGUS	2.	2.0	7.9	24.5
THALEICHTHYS PACIFICUS	13.	13.0	51.2	159.5
LEUROGLOSSUS STILBIUS	11.	11.0	43.3	135.0
MERLUCCIUS PRODUCTUS	49.	49.0	192.9	601.2
THERAGRA CHALCOGRAMMA	2.	2.0	7.9	24.5
GOBIIDAE(FAMILY)	6.	6.0	23.6	73.6
SCORPAENIDAE(FAMILY)	16.	16.0	63.0	196.3
TOTAL	100.	100.0	393.7	1227.0

TABLE:	237	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	11	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	247 M3
POSITION:	49 6.9 N 123 26.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	290 M	TIME OF TOW:	1615 HR	ALIQUOT:	
		DEPTH OF TOW:	272 M	S.H.F.:	11.02

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	2.4	4.0	11.0
MERLUCCIUS PRODUCTUS	40.	97.6	161.9	440.8
TOTAL	41.	100.0	166.0	451.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	97.	63.8	392.7	1068.9
LEUROGLOSSUS STILBIUS	12.	7.9	48.6	132.2
MERLUCCIUS PRODUCTUS	28.	18.4	113.4	308.6
GOBIIDAE(FAMILY)	1.	0.7	4.0	11.0
SCORPAENIDAE(FAMILY)	13.	8.6	52.6	143.3
ATHERESTHES STOMIAS	1.	0.7	4.0	11.0
TOTAL	152.	100.0	615.4	1675.0

TABLE:	238	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	'2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	293 M3
POSITION:	49 5.2 N 123 27.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 34	CT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1700 HR	ALIQUOT:	
		DEPTH OF TOW:	320 M	S.H.F.:	10.92

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	11.	91.7	37.5	120.1
THERAGRA CHALCOGRAMMA	1.	8.3	3.4	10.9
TOTAL	12.	100.0	41.0	131.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	6.1	17.1	54.6
THALEICHTHYS PACIFICUS	19.	23.2	64.8	207.5
LEUROGLOSSUS STILBIUS	9.	11.0	30.7	98.3
MERLUCCIUS PRODUCTUS	32.	39.0	109.2	349.4
THERAGRA CHALCOGRAMMA	10.	12.2	34.1	109.2
GOBIIDAE(FAMILY)	2.	2.4	6.8	21.8
SCORPAENIDAE(FAMILY)	5.	6.1	17.1	54.6
TOTAL	82.	100.0	279.9	895.4

TABLE:	239	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	13	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	272 M3
POSITION:	49 3.5 N 123 29.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	295 M	TIME OF TOW:	1750 HR	ALIQUOT:	
		DEPTH OF TOW:	290 M	S.H.F.:	10.67

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	23.	76.7	84.6	245.4
THERAGRA CHALCOGRAMMA	7.	23.3	25.7	74.7
TOTAL	30.	100.0	110.3	320.1

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	45.	46.9	165.4	480.1
LEUROGLOSSUS STILBIUS	10	10.4	36.8	106.7
MERLUCCIUS PRODUCTUS	30.	31.3	110.3	320.1
GOBIIDAE(FAMILY)	1.	1.0	3.7	10.7
SCORPAENIDAE(FAMILY)	9.	9.4	33.1	96.0
ATHERESTHES STOMIAS	1.	1.0	3.7	10.7
TOTAL	96.	100.0	352.9	1024.3

TABLE:	240	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	14	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	245 M3
POSITION:	49 2.4 N 123 26.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	50 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	320 M	TIME OF TOW:	1835 HR	ALIQUOT:	
		DEPTH OF TOW:	290 M	S.H.F.:	11.84

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1	10.0	4.1	11.8
LEUROGLOSSUS STILBIUS	1.	10.0	4.1	11.8
MERLUCCIUS PRODUCTUS	8	80.0	32.7	94.7
TOTAL	10.	100.0	40.8	118.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	55	46.6	224.5	651.2
CLUPEA HARENGUS	3	2.5	12.2	35.5
LEUROGLOSSUS STILBIUS	9	7.6	36.7	106.6
MERLUCCIUS PRODUCTUS	34.	28.8	138.8	402.6
THERAGRA CHALCOGRAMMA	10.	8.5	40.8	118.4
SCORPAENIDAE(FAMILY)	7.	5.9	28.6	82.9
TOTAL	118.	100.0	481.6	1397.1

TABLE:	241	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	15	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	240 M3
POSITION:	49 1.3 N 123 24.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	48 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	285 M	TIME OF TOW:	1920 HR	ALIQUOT:	
		DEPTH OF TOW:	273 M	S.H.F.:	11.37

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	28.	96.6	116.7	318.4
THERAGRA CHALCOGRAMMA	1.	3.4	4.2	11.4
TOTAL	29.	100.0	120.8	329.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
PISCES	50.	45.5	208.3	568.5
CLUPEA HARENGUS	7.	6.4	29.2	79.6
LEUROGLOSSUS STILBIUS	4.	3.6	16.7	45.5
MERLUCCIUS PRODUCTUS	30.	27.3	125.0	341.1
THERAGRA CHALCOGRAMMA	18.	16.4	75.0	204.7
SCORPAENIDAE(FAMILY)	1.	0.9	4.2	11.4
TOTAL	110.	100.0	458.3	1250.7

TABLE:	242	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	16	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	5/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	180 M3
POSITION:	49 0.2 N 123 21.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	46 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	220 M	TIME OF TOW:	2005 HR	ALIQUOT:	
		DEPTH OF TOW:	203 M	S.H.F.:	11.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	6.	50.0	33.3	67.7
MERLUCCIUS PRODUCTUS	6.	50.0	33.3	67.7
TOTAL	12.	100.0	66.7	135.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	1.4	16.7	33.8
THALEICHTHYS PACIFICUS	182.	83.1	1011.1	2053.0
LEUROGLOSSUS STILBIUS	15.	6.8	83.3	169.2
MERLUCCIUS PRODUCTUS	16.	7.3	88.9	180.5
GOBIIDAE(FAMILY)	3.	1.4	16.7	33.8
TOTAL	219.	100.0	1216.7	2470.3

TABLE:	243	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	17	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 6/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	284 M3
POSITION:	49 16.9 N 123 48.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	390 M	TIME OF TOW:	0915 HR	ALIQUOT:	
		DEPTH OF TOW:	360 M	S.H.F.:	12.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	11.	100.0	38.7	139.0
TOTAL	11.	100.0	38.7	139.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.7	3.5	12.6
CLUPEA HARENGUS	2.	3.3	7.0	25.3
LEUROGLOSSUS STILBIUS	11.	18.3	38.7	139.0
MERLUCCIUS PRODUCTUS	23.	38.3	81.0	290.7
THERAGRA CHALCOGRAMMA	1.	1.7	3.5	12.6
SCORPAENIDAE(FAMILY)	22.	36.7	77.5	278.1
TOTAL	60.	100.0	211.3	758.4

TABLE:	244	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	18	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	338 M3
POSITION:	49 18.0 N 123 51.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	1020 HR	ALIQUOT:	
		DEPTH OF TOW:	353 M	S.H.F.:	10.44

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	12.0	8.9	31.3
MERLUCCIUS PRODUCTUS	20.	80.0	59.2	208.8
THERAGRA CHALCOGRAMMA	2.	8.0	5.9	20.9
TOTAL	25.	100.0	74.0	261.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN (/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.1	3.0	10.4
CLUPEA HARENGUS	8.	8.8	23.7	83.5
THALEICHTHYS PACIFICUS	2.	2.2	5.9	20.9
LEUROGLOSSUS STILBIUS	29.	31.9	85.8	302.8
MERLUCCIUS PRODUCTUS	41.	45.1	121.3	428.0
THERAGRA CHALCOGRAMMA	1.	1.1	3.0	10.4
SCORPAENIDAE(FAMILY)	8.	8.8	23.7	83.5
NECTOLIPARIS PELAGICUS	1.	1.1	3.0	10.4
TOTAL	91.	100.0	269.2	950.0

TABLE:	245	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	19	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	313 M3
POSITION:	49 21.3 N 123 47.9 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	72 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	370 M	TIME OF TOW:	1140 HR	ALIQUOT:	
		DEPTH OF TOW:	344 M	S.H.F.:	11.00

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	5.3	3.2	11.0
LEUROGLOSSUS STILBIUS	3.	15.8	9.6	33.0
MERLUCCIUS PRODUCTUS	15.	78.9	47.9	165.0
TOTAL	19.	100.0	60.7	209.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	7.8	12.8	44.0
LEUROGLOSSUS STILBIUS	16.	31.4	51.1	176.0
MERLUCCIUS PRODUCTUS	23.	45.1	73.5	253.0
SCORPAENIDAE(FAMILY)	6.	11.8	19.2	66.0
NECTOLIPARIS PELAGICUS	2.	3.9	6.4	22.0
TOTAL	51.	100.0	162.9	561.0

TABLE:	246	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	20	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	7/ 6/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	275 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	310 M	TIME OF TOW:	1235 HR	ALIQUOT:	
		DEPTH OF TOW:	292 M	S.H.F.:	10.63

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN (/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	63	95.5	229.1	669.7
THERAGRA CHALCOGRAMMA	3.	4.5	10.9	31.9
TOTAL	66	100.0	240.0	701.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN (/1000 M3)	CATCH (/10 M2)
PISCES	1	1.2	3.6	10.6
THALEICHTHYS PACIFICUS	1.	1.2	3.6	10.6
LEUROGLOSSUS STILBIUS	10.	12.2	36.4	106.3
MERLUCCIUS PRODUCTUS	67.	81.7	243.6	712.2
THERAGRA CHALCOGRAMMA	1.	1.2	3.6	10.6
SCORPAENIDAE(FAMILY)	2.	2.4	7.3	21.3
TOTAL	82.	100.0	298 2	871.7

TABLE:	247	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	21	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	248 M3
POSITION:	49 19.1 N 123 42.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	68 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1330 HR	ALIQUOT:	
		DEPTH OF TOW:	209 M	S.H.F.:	8.42

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	40.	100 0	161.3	336.8
TOTAL	40.	100.0	161.3	336.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.5	8.1	16.8
CLUPEA HARENGUS	1.	1.2	4.0	8.4
THALEICHTHYS PACIFICUS	5.	6.2	20.2	42.1
LEUROGLOSSUS STILBIUS	11.	13.6	44.4	92.6
MERLUCCIUS PRODUCTUS	41.	50.6	165.3	345.2
THERAGRA CHALCOGRAMMA	13.	16.0	52.4	109.5
SCORPAENIDAE(FAMILY)	8.	9.9	32.3	67.4
TOTAL	81.	100.0	326.6	682.0

TABLE:	248	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	22	WAVE HEIGHT:		GEAR TYPE:	BONGO 25 M2
DATE:	7/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	259 M3
POSITION:	49 18.0 N 123 40.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	260 M	TIME OF TOW:	1450 HR	ALIQUOT:	
		DEPTH OF TOW:	238 M	S.H.F.:	9.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	2.5	7.7	18.4
MERLUCCIUS PRODUCTUS	77.	97.5	297.3	709.9
TOTAL	79.	100.0	305.0	728.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	8.	10.5	30.9	73.8
LEUROGLOSSUS STILBIUS	6.	7.9	23.2	55.3
MERLUCCIUS PRODUCTUS	37.	48.7	142.9	341.1
THERAGRA CHALCOGRAMMA	4.	5.3	15.4	36.9
SCORPAENIDAE(FAMILY)	21.	27.6	81.1	193.6
TOTAL	76.	100.0	293.4	700.7

TABLE:	249	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	23	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	274 M3
POSITION:	49 16.9 N 123 37.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	64 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	290 M	TIME OF TOW:	1530 HR	ALIQUOT:	
		DEPTH OF TOW:	276 M	S.H.F.:	10.07

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	3.2	7.3	20.1
MERLUCCIUS PRODUCTUS	60.	96.8	219.0	604.2
TOTAL	62.	100.0	226.3	624.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	5.	5.2	18.2	50.3
LEUROGLOSSUS STILBIUS	9.	9.4	32.8	90.6
MERLUCCIUS PRODUCTUS	65.	67.7	237.2	654.5
THERAGRA CHALCOGRAMMA	1.	1.0	3.6	10.1
GOBIIDAE(FAMILY)	1.	1.0	3.6	10.1
SCORPAENIDAE(FAMILY)	15.	15.6	54.7	151.1
TOTAL	96.	100.0	350.4	966.7

TABLE:	250	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	24	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	7/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	259 M3
POSITION:	49 15.7 N 123 35.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	62 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	280 M	TIME OF TOW:	1608 HR	ALIQUOT:	
		DEPTH OF TOW:	261 M	S.H.F.:	10.08

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	4.	4.9	15.4	40.3
MERLUCCIUS PRODUCTUS	77.	95.1	297.3	776.2
TOTAL	81.	100.0	312.7	816.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	1.8	7.7	20.2
CLUPEA HARENGUS	2.	1.8	7.7	20.2
THALEICHTHYS PACIFICUS	2.	1.8	7.7	20.2
LEUROGLOSSUS STILBIUS	10.	8.8	38.6	100.8
MERLUCCIUS PRODUCTUS	85.	75.2	328.2	856.8
THERAGRA CHALCOGRAMMA	1.	0.9	3.9	10.1
SCORPAENIDAE(FAMILY)	10.	8.8	38.6	100.8
COTTIDAE(FAMILY)	1.	0.9	3.9	10.1
TOTAL	113.	100.0	436.3	1139.0

TABLE: 251
CRUISE: SG 79-13
SAMPLE NO.: 25
DATE: 7/ 6/79
VESSEL: DECIBAR
POSITION: 49 14.6 N 123 32.7 W
GRID POSITION: 60 . 28
BOTTOM DEPTH: 340 M

WIND DIRECTION:
WIND VELOCITY:
WAVE HEIGHT:
SWELL HEIGHT:
SURFACE TEMP:
STD NUMBER:
BT/XBT NUMBER:
TIME OF TOW: 1655 HR
DEPTH OF TOW: 315 M

TOW SPEED: 1 MPS
TYPE OF TOW: OBLIQUE
GEAR TYPE: BONGO .25 M2
MESH SIZE: .351 MM
VOL. FILTERED: 307 M3
DISP. VOLUME:
PLANKTON CONC.:
ALIQUOT:
S.H.F.: 10.24

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	7.3	9.8	30.7
MERLUCCIUS PRODUCTUS	37.	90.2	120.5	378.9
THERAGRA CHALCOGRAMMA	1.	2.4	3.3	10.2
TOTAL	41.	100.0	133.6	419.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN. (/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	11.	10.4	35.8	112.6
LEUROGLOSSUS STILBIUS	15.	14.2	48.9	153.6
MERLUCCIUS PRODUCTUS	55.	51.9	179.2	563.2
THERAGRA CHALCOGRAMMA	3.	2.8	9.8	30.7
SCORPAENIDAE(FAMILY)	21.	19.8	68.4	215.0
COTTIDAE(FAMILY)	1.	0.9	3.3	10.2
TOTAL	106.	100.0	345.3	1085.4

TABLE:	252	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	4 MPS	TYPE OF TOW	OBLIQUE
SAMPLE NO.:	26	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:	1 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	284 M3
POSITION:	49 17.5 N 123 55.6 W	STD NUMBER:		DISP. VOLUME	
GRID POSITION:	74 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	300 M	TIME OF TOW:	0825 HR	ALIQUOT:	
		DEPTH OF TOW:	279 M	S.H.F.:	9.82

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	6.	100.0	21.1	58.9
TOTAL	6.	100.0	21.1	58.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	10.	31.3	35.2	98.2
MERLUCCIUS PRODUCTUS	10.	31.3	35.2	98.2
THERAGRA CHALCOGRAMMA	2.	6.3	7.0	19.6
SCORPAENIDAE(FAMILY)	10.	31.3	35.2	98.2
TOTAL	32.	100.0	112.7	314.2

TABLE:	253	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	27	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	336 M3
POSITION:	49 19.1 N 123 53.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	390 M	TIME OF TOW:	0925 HR	ALIQUOT:	
		DEPTH OF TOW:	368 M	S.H.F.:	10.96

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	6.0	21.9
MERLUCCIUS PRODUCTUS	1.	33.3	3.0	11.0
TOTAL	3.	100.0	8.9	32.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	2.0	3.0	11.0
CLUPEA HARENGUS	2.	3.9	6.0	21.9
LEUROGLOSSUS STILBIUS	19.	37.3	56.5	208.2
MERLUCCIUS PRODUCTUS	23.	45.1	68.5	252.1
SCORPAENIDAE(FAMILY)	5.	9.8	14.9	54.8
PLEURONECTIDAE(FAMILY)	1.	2.0	3.0	11.0
TOTAL	51.	100.0	151.8	559.0

TABLE:	254	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	2 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	28	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:	15.3 C	VOL. FILTERED:	289 M3
POSITION:	49 22.5 N 123 50.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	74 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	350 M	TIME OF TOW:	1030 HR	ALIQUOT:	
		DEPTH OF TOW:	325 M	S.H.F.:	11.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	7.7	3.5	11.2
MERLUCCIUS PRODUCTUS	12.	92.3	41.5	134.6
TOTAL	13.	100.0	45.0	145.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	40.	42.1	138.4	448.8
LEUROGLOSSUS STILBIUS	16.	16.8	55.4	179.5
MERLUCCIUS PRODUCTUS	31.	32.6	107.3	347.8
SCORPAENIDAE(FAMILY)	8.	8.4	27.7	89.8
TOTAL	95.	100.0	328.7	1065.9

TABLE:	255	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	29	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	280 M3
POSITION:	49 13.5 N 123 30.2 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	58 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	310 M	TIME OF TOW:	1255 HR	ALIQUOT:	
		DEPTH OF TOW:	288 M	S.H.F.:	10.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	1.2	3.6	10.3
LEUROGLOSSUS STILBIUS	3.	3.5	10.7	30.8
MERLUCCIUS PRODUCTUS	79.	92.9	282.1	812.1
THERAGRA CHALCOGRAMMA	2.	2.4	7.1	20.6
TOTAL	85.	100.0	303.6	873.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	16.	17.2	57.1	164.5
THALEICHTHYS PACIFICUS	2.	2.2	7.1	20.6
LEUROGLOSSUS STILBIUS	17.	18.3	60.7	174.8
MERLUCCIUS PRODUCTUS	55.	59.1	196.4	565.4
SCORPAENIDAE(FAMILY)	3.	3.2	10.7	30.8
TOTAL	93.	100.0	332.1	956.0

TABLE:	256	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	30	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	289 M3
POSITION:	49 12.4 N 123 27.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 28	B /XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	280 M	TIME OF TOW:	1335 HR	ALIQUOT:	
		DEPTH OF TOW:	258 M	S.H.F.:	8.94

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	8.	100.0	27.7	71.5
TOTAL	8.	100.0	27.7	71.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	4.2	10.4	26.8
THALEICHTHYS PACIFICUS	41.	57.7	141.9	366.5
LEUROGLOSSUS STILBIUS	5.	7.0	17.3	44.7
MERLUCCIUS PRODUCTUS	20.	28.2	69.2	178.8
THERAGRA CHALCOGRAMMA	1.	1.4	3.5	8.9
GOBIIDAE(FAMILY)	1.	1.4	3.5	8.9
TOTAL	71.	100.0	245.7	634.7

TABLE:	257	WIND DIRECTION:	315 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:	1 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	31	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	238 M3
POSITION:	49 11.3 N 123 25.1 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	265 M	TIME OF TOW:	1440 HR	ALIQUOT:	
		DEPTH OF TOW:	245 M	S.H.F.:	10.28

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	24.	100.0	100.8	246.7
TOTAL	24.	100.0	100.8	246.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	32.	28.3	134.5	329.0
THALEICHTHYS PACIFICUS	34.	30.1	142.9	349.5
LEUROGLOSSUS STILBIUS	9.	8.0	37.8	92.5
MERLUCCIUS PRODUCTUS	25.	22.1	105.0	257.0
SCORPAENIDAE(FAMILY)	13.	11.5	54.6	133.6
TOTAL	113.	100.0	474.8	1161.6

TABLE:	258	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	32	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:	17.0 C	VOL. FILTERED:	212 M3
POSITION:	49 10.2 N 123 22.6 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	52 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	250 M	TIME OF TOW:	1535 HR	ALIQUOT:	
		DEPTH OF TOW:	247 M	S.H.F.:	11.64

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	2.3	4.7	11.6
MERLUCCIUS PRODUCTUS	38.	88.4	179.2	442.3
THERAGRA CHALCOGRAMMA	4.	9.3	18.9	46.6
TOTAL	43.	100.0	202.8	500.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	2.	2.8	9.4	23.3
CLUPEA HARENGUS	2.	2.8	9.4	23.3
THALEICHTHYS PACIFICUS	26.	36.6	122.6	302.6
LEUROGLOSSUS STILBIUS	9.	12.7	42.5	104.8
MERLUCCIUS PRODUCTUS	21.	29.6	99.1	244.4
THERAGRA CHALCOGRAMMA	1.	1.4	4.7	11.6
SCORPAENIDAE(FAMILY)	10.	14.1	47.2	116.4
TOTAL	71.	100.0	334.9	826.4

TABLE:	259	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	33	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	246 M3
POSITION:	49 6.3 N 123 30.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	345 M	TIME OF TOW:	1645 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	12.82

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	20.	90.9	81.3	256.4
THERAGRA CHALCOGRAMMA	2.	9.1	8.1	25.6
TOTAL	22.	100.0	89.4	282.0

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	4.	7.5	16.3	51.3
CLUPEA HARENGUS	1.	1.9	4.1	12.8
OSMERIDAE(FAMILY)	1.	1.9	4.1	12.8
LEUROGLOSSUS STILBIUS	6.	11.3	24.4	76.9
MERLUCCIUS PRODUCTUS	33.	62.3	134.1	423.1
THERAGRA CHALCOGRAMMA	1.	1.9	4.1	12.8
STICHAEIDAE(FAMILY)	1.	1.9	4.1	12.8
SCORPAENIDAE(FAMILY)	6.	11.3	24.4	76.9
TOTAL	53.	100.0	215.4	679.5

TABLE:	260	WIND DIRECTION		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	34	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	211 M3
POSITION:	49 4.7 N 123 32.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	54 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	225 M	TIME OF TOW:	1.45 HR	ALIQUOT:	
		DEPTH OF TOW:	207 M	S.H.F.:	9.82

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN (/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	15.	100.0	71.1	147.3
TOTAL	15.	100.0	71.1	147.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	4.5	4.7	9.8
MERLUCCIUS PRODUCTUS	7.	31.8	33.2	68.7
GOBIIDAE(FAMILY)	2.	9.1	9.5	19.6
SCORPAENIDAE(FAMILY)	12.	54.5	56.9	117.8
TOTAL	22.	100.0	104.3	216.0

TABLE:	261	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	35	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	237 M3
POSITION:	49 5.8 N 123 34.5 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 36	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	230 M	TIME OF TOW:	1825 HR	ALIQUOT:	
		DEPTH OF TOW:	219 M	S.H.F.:	9.25

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	16.7	4.2	9.3
MERLUCCIUS PRODUCTUS	5.	83.3	21.1	46.3
TOTAL	6.	100.0	25.3	55.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	4.	10.5	16.9	37.0
LEUROGLOSSUS STILBIUS	2.	5.3	8.4	18.5
MERLUCCIUS PRODUCTUS	13.	34.2	54.9	120.3
GOBIIDAE(FAMILY)	4.	10.5	16.9	37.0
SCORPAENIDAE(FAMILY)	15.	39.5	63.3	138.8
TOTAL	38.	100.0	160.3	351.5

TABLE:	262	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-13	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	36	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	8/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	195 M3
POSITION:	49 7.4 N 123 32.8 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	56 . 34	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	240 M	TIME OF TOW:	1900 HR	ALIQUOT:	
		DEPTH OF TOW:	228 M	S.H.F.:	11.72

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	2.	50.0	10.3	23.4
THERAGRA CHALCOGRAMMA	2.	50.0	10.3	23.4
TOTAL	4.	100.0	20.5	46.9

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	1.	3.2	5.1	11.7
LEUROGLOSSUS STILBIUS	4.	12.9	20.5	46.9
MERLUCCIUS PRODUCTUS	12.	38.7	61.5	140.6
THERAGRA CHALCOGRAMMA	1.	3.2	5.1	11.7
SCORPAENIDAE(FAMILY)	13.	41.9	66.7	152.4
TOTAL	31.	100.0	159.0	363.3

TABLE:	263	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	292 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	0825 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	10.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	87.5	24.0	75.5
MERLUCCIUS PRODUCTUS	1.	12.5	3.4	10.8
TOTAL	8.	100.0	27.4	86.3

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	39.	62.9	133.6	420.8
MERLUCCIUS PRODUCTUS	23.	37.1	78.8	248.2
TOTAL	62.	100.0	212.3	669.0

TABLE:	264	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	292 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	0825 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	10.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	5.	71.4	17.1	54.0
MERLUCCIUS PRODUCTUS	2.	28.6	6.8	21.6
TOTAL	7.	100.0	24.0	75.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	41.	75.9	140.4	442.4
MERLUCCIUS PRODUCTUS	13.	24.1	44.5	140.3
TOTAL	54.	100.0	184.9	582.7

TABLE:	265	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	295 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	0905 HR	ALIQUOT:	
		DEPTH OF TOW:	317 M	S.H.F.:	10.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	33.3	3.4	10.8
MERLUCCIUS PRODUCTUS	2.	66.7	6.8	21.6
TOTAL	3.	100.0	10.2	32.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	45.	69.2	152.5	485.5
MERLUCCIUS PRODUCTUS	20.	30.8	67.8	215.8
TOTAL	65.	100.0	220.3	701.3

TABLE:	266	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	2	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	295 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	0905 HR	ALIQUOT:	
		DEPTH OF TOW:	317 M	S.H.F.:	10.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	3.	100.0	10.2	32.4
TOTAL	3.	100.0	10.2	32.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	44.	80.0	149.2	474.8
MERLUCCIUS PRODUCTUS	11.	20.0	37.3	118.7
TOTAL	55.	100.0	186.4	593.5

TABLE:	267	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	292 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	0955 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	10.81

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	50.0	6.8	21.6
MERLUCCIUS PRODUCTUS	2.	50.0	6.8	21.6
TOTAL	4.	100.0	13.7	43.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	50.	78.1	171.2	540.5
MERLUCCIUS PRODUCTUS	14.	21.9	47.9	151.3
TOTAL	64.	100.0	219.2	691.8

TABLE:	268	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:	4 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	3	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	292 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	0955 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	10.81

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	61	82.4	208.9	659.4
MERLUCCIUS PRODUCTUS	13	17.6	44.5	140.5
TOTAL	74	100.0	253.4	799.9

TABLE:	269	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	279 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1035 HR	ALIQUOT:	
		DEPTH OF TOW:	313 M	S.H.F.:	11.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	100.0	25.1	78.5
TOTAL	7.	100.0	25.1	78.5

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	69.	80.2	247.3	774.2
MERLUCCIUS PRODUCTUS	17.	19.8	60.9	190.7
TOTAL	86.	100.0	308.2	964.9

TABLE:	270	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	4	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	279 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1035 HR	ALIQUOT:	
		DEPTH OF TOW:	313 M	S.H.F.:	11.22

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	8.	72.7	28.7	89.8
MERLUCCIUS PRODUCTUS	3.	27.3	10.8	33.7
TOTAL	11.	100.0	39.4	123.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	42.	76.4	150.5	471.2
MERLUCCIUS PRODUCTUS	13.	23.6	46.6	145.9
TOTAL	55.	100.0	197.1	617.1

TABLE:	271	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:	0 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	287 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1115 HR	ALIQUOT:	
		DEPTH OF TOW:	313 M	S.H.F.:	10.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	3.	100.0	10.5	32.7
TOTAL	3.	100.0	10.5	32.7

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	30.	71.4	104.5	326.7
MERLUCCIUS PRODUCTUS	12.	28.6	41.8	130.7
TOTAL	42.	100.0	146.3	457.4

TABLE:	272	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:	5 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	5	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO 25 M2
DATE:	14/ 6/79	SWELL HEIGHT:	0 M	MESH SIZE:	351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1115 HR	ALIQUOT:	
		DEPTH OF TOW:	313 M	S.H.F.:	10.89

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	40.0		
MERLUCCIUS PRODUCTUS	3.	60.0		
TOTAL	5.	100.0		

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	51.	69.9		
MERLUCCIUS PRODUCTUS	22.	30.1		
TOTAL	73.	100.0		

TABLE:	273	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	274 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1156 HR	ALIQUOT:	
		DEPTH OF TOW:	313 M	S.H.F.:	11.41

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	7.3	22.8
MERLUCCIUS PRODUCTUS	1.	33.3	3.6	11.4
TOTAL	3.	100.0	10.9	34.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	39.	72.2	142.3	445.0
MERLUCCIUS PRODUCTUS	15.	27.8	54.7	171.1
TOTAL	54.	100.0	197.1	616.1

TABLE:	274	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	6	WAVE HEIGHT:		GEAR TYPE:	BONGO 25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	274 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1156 HR	ALIQUOT:	
		DEPTH OF TOW:	313 M	S.H.F.:	11.41

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	66.7	7.3	22.8
MERLUCCIUS PRODUCTUS	1.	33.3	3.6	11.4
TOTAL	3.	100.0	10.9	34.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	43.	68.3	156.9	490.6
MERLUCCIUS PRODUCTUS	20.	31.7	73.0	228.2
TOTAL	63.	100.0	229.9	718.8

TABLE:	275	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	284 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1238 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	11.11

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	2.	100.0	7.0	22.2
TOTAL	2.	100.0	7.0	22.2

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	39.	79.6	137.3	433.3
MERLUCCIUS PRODUCTUS	10.	20.4	35.2	111.1
TOTAL	49.	100.0	172.5	544.4

TABLE:	276	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	7	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	284 M3
POSITION:	49 20.2 N 123 45.4 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 28	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	335 M	TIME OF TOW:	1238 HR	ALIQUOT:	
		DEPTH OF TOW:	315 M	S.H.F.:	11.11

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	1.	25.0	3.5	11.1
MERLUCCIUS PRODUCTUS	3.	75.0	10.6	33.3
TOTAL	4.	100.0	14.1	44.4

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
PISCES	39.	61.9	137.3	433.3
MERLUCCIUS PRODUCTUS	24.	38.1	84.5	266.6
TOTAL	63.	100.0	221.8	699.9

TABLE:	277	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	8	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	85 M3
POSITION:	49 21.9 N 123 43.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 26	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	65 M	TIME OF TOW:	1325 HR	ALIQUOT:	
		DEPTH OF TOW:	64 M	S.H.F.:	7.57

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	11.8	7.6
TOTAL	1.	100.0	11.8	7.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	29.	48.3	341.2	219.5
LEUROGLOSSUS STILBIUS	3.	5.0	35.3	22.7
MERLUCCIUS PRODUCTUS	9.	15.0	105.9	68.1
GOBIIDAE(FAMILY)	3.	5.0	35.3	22.7
SCORPAENIDAE(FAMILY)	15.	25.0	176.5	113.6
PLEURONECTIDAE(FAMILY)	1.	1.7	11.8	7.6
TOTAL	60.	100.0	705.9	454.2

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	7.	77.8	82.4	53.0
SCORPAENIDAE(FAMILY)	2.	22.2	23.5	15.1
TOTAL	9.	100.0	105.9	68.1

TABLE:	278	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	9	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	148 M3
POSITION:	49 23.5 N 123 42.0 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 24	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	135 M	TIME OF TOW:	1410 HR	ALIQUOT:	
		DEPTH OF TOW:	130 M	S.H.F.:	8.79

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	1.	100.0	6.8	8.8
TOTAL	1.	100.0	6.8	8.8

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
THALEICHTHYS PACIFICUS	5.	25.0	33.8	44.0
LEUROGLOSSUS STILBIUS	1.	5.0	6.8	8.8
MERLUCCIUS PRODUCTUS	6.	30.0	40.5	52.7
GOBIIDAE(FAMILY)	2.	10.0	13.5	17.6
SCORPAENIDAE(FAMILY)	6.	30.0	40.5	52.7
TOTAL	20.	100.0	135.1	175.8

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	2.	28.6	13.5	17.6
SCORPAENIDAE(FAMILY)	5.	71.4	33.8	44.0
TOTAL	7.	100.0	47.3	61.5

TABLE:	279	WIND DIRECTION:		TOW SPEED:	1 MPS
CRUISE:	SG 79-14	WIND VELOCITY:		TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	10	WAVE HEIGHT:	0 M	GEAR TYPE:	BONGO .25 M2
DATE:	14/ 6/79	SWELL HEIGHT:		MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	134 M3
POSITION:	49 25.2 N 123 40.3 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	70 . 22	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:	130 M	TIME OF TOW:	1440 HR	ALIQUOT:	
		DEPTH OF TOW:	121 M	S.H.F.:	8.97

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	3.	4.7	22.4	26.9
THALEICHTHYS PACIFICUS	28.	43.8	209.0	251.2
LEUROGLOSSUS STILBIUS	9.	14.1	67.2	80.7
MERLUCCIUS PRODUCTUS	7.	10.9	52.2	62.8
GOBIIDAE(FAMILY)	2.	3.1	14.9	17.9
SCORPAENIDAE(FAMILY)	14.	21.9	104.5	125.6
ATHERESTHES STOMIAS	1.	1.6	7.5	9.0
TOTAL	64.	100.0	477.6	574.1

JUVENILES	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
LEUROGLOSSUS STILBIUS	3.	25.0	22.4	26.9
SCORPAENIDAE(FAMILY)	8.	66.7	59.7	71.8
LEPIDOPSETTA BILINEATA	1.	8.3	7.5	9.0
TOTAL	12.	100.0	89.6	107.6

TABLE:	280	WIND DIRECTION:	135 DEG	TOW SPEED:	1 MPS
CRUISE:	SG 79-15	WIND VELOCITY:	7 MPS	TYPE OF TOW:	OBLIQUE
SAMPLE NO.:	1	WAVE HEIGHT:		GEAR TYPE:	BONGO .25 M2
DATE:	29/ 6/79	SWELL HEIGHT:	2 M	MESH SIZE:	.351 MM
VESSEL:	DECIBAR	SURFACE TEMP:		VOL. FILTERED:	381 M3
POSITION:	49 14.7 N 123 43.7 W	STD NUMBER:		DISP. VOLUME:	
GRID POSITION:	66 . 32	BT/XBT NUMBER:		PLANKTON CONC.:	
BOTTOM DEPTH:		TIME OF TOW:	0940 HR	ALIQUOT:	
		DEPTH OF TOW:	324 M	S.H.F.:	8.51

EGGS	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
MERLUCCIUS PRODUCTUS	5.	100.0	13.1	42.6
TOTAL	5.	100.0	13.1	42.6

LARVAE	TOTAL NUMBER	TAXA PCT.	REL. ABUN.(/1000 M3)	CATCH (/10 M2)
CLUPEA HARENGUS	4.	9.1	10.5	34.0
LEUROGLOSSUS STILBIUS	9.	20.5	23.6	76.6
MERLUCCIUS PRODUCTUS	8.	18.2	21.0	68.1
THERAGRA CHALCOGRAMMA	5.	11.4	13.1	42.6
GOBIIDAE(FAMILY)	3.	6.8	7.9	25.5
SCORPAENIDAE(FAMILY)	15.	34.1	39.4	127.7
TOTAL	44.	100.0	115.5	374.4

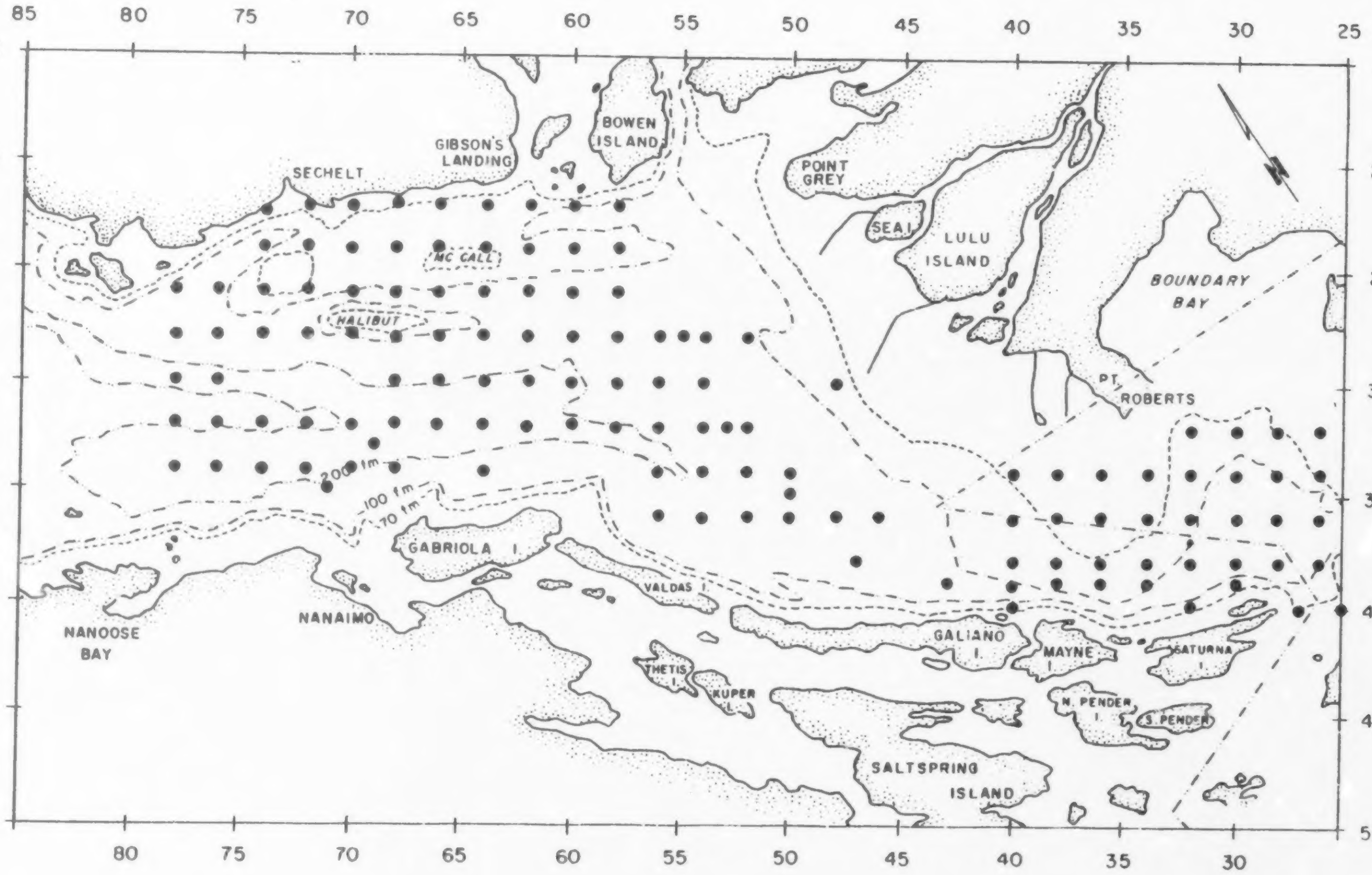

FIGURE 1. Sampling station locations in central and southern Strait of Georgia for the 1979 Ichthyoplankton Survey.